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PARK'S FLORAL MAGAZINE

LA PARK, PA.
• ESTABLISHED 1871 •



200 FINE TULIPS and 3 GIANT HYACINTHS "WITHOUT MONEY OR PRICE."

MY FLORAL FRIEND:—I want a big club of Magazine subscribers in your vicinity, and if you will get up a club of 20 subscribers at 15 cents each (\$3.00), I will mail you 200 splendid mixed Single and Double Tulips, from the finest named sorts, also three fine Named Hyacinths, red, white, and blue, finest varieties. Each member of your club will get Park's Floral Magazine one year and 10 Splendid Mixed Tulips. These bulbs are of good size, and every one will produce a fine large flower. Cultural directions with each package. Autumn is the time to plant these bulbs, and the time to get up a club. Every one who loves flowers will subscribe. I guarantee satisfaction. Any subscribers not pleased can have their money back. Bulbs will be mailed early in October, as soon as they arrive from Holland.

Address **GEO. W. PARK, La Park, Pa.**

P. S. If you cannot get up a club of 20 names get what subscribers you can. I will allow you 10 Tulips for each subscriber and each subscriber will get the Magazine and 10 premium Tulips.



Choice Named Tulips



I **HERE** offer the finest and hardiest named Tulips in cultivation. There are no better Tulips, and my prices are far below the ordinary prices, while the bulbs are first-class, and every bulb can be depended upon for a fine big bloom. These Tulips are all entirely hardy, and should be planted out in autumn. They will make a gorgeous display in the spring. Cultural directions will accompany the bulbs.

Collection A—Single Early Tulips.

10 Fine Bulbs, 15 Cents.

Pure White, White Hawk, large and of fine color.
White, Jacoba van Beiren, showy, fine for beds.
White Striped Rose, Cottage Maid, fine for beds.
Scarlet, Artus, brilliant scarlet, dwarf, bold and effective.
Crimson, Cramoisi Brilliant, one of the brightest.
Pure Yellow, Yellow Prince, golden, sweet-scented.
Red and Yellow, Duchess de Parma, large and fine.
Orange, Prince of Austria, orange-red, fragrant.
Cherry Red, Epaminondas, large and handsome.
President Lincoln, the queen of the violets; beautiful.

Collection AA—Single Early. 10 Fine Bulbs, 15 Cents.

White, La Reine, most popular; large, beautiful.
Rose, Rose Grisdelin, exquisite in form.
Dark Rose, Cardinal's Hat, handsome.
Crimson, Couleur de Cardinal, rich, showy.
Golden Yellow, King of the Yellows.

The above are the finest Single Early Tulips in all the colors. The collections cannot be improved. Grouped in a bed they will make a dazzling display in the spring. For larger beds I will deliver the bulbs at express office here at \$1.10 per hundred, or \$10.00 per thousand, an equal quantity of each variety.

Collection B—Double Early. 10 Fine Bulbs, 15 Cents.

White, La Candeur, best of the white Tulips.
Scarlet, William III, very rich color.
Rose, Rosine, dark pink; large and effective.
Crimson, Rubra Maxima, very large.
Yellow and Orange, Couronné d'Or.

Red and Yellow, Kaiser's Kroon, splendid.
Orange, Thomas Moore, fine rich orange.
Rose and White, Arms of Leiden, superb.
Carmine, Couleur Ponceau, bright, attractive.
Violet, Moliere, one of the best of its color.

Collection BB—Double Early. 10 Fine Bulbs, 15 Cents.

White, Alba Maxima, large and handsome.
Scarlet, Prince of Wales, surpassingly rich.
Rose, Salvator Rosa, one of the finest.
Crimson, Rosen Kroon, rich and showy color.
Yellow and Orange, Tournesol, beautiful.

Scarlet and Yellow, Tournesol, bright.
Pink, Murillo, most popular of all double Tulips.
Striped, Queen Victoria, cherry-red; lovely.
Violet, Lucretia, rose violet; extra fine variety.
Vermilion, Agnes, bold, large and showy.

I know of no finer Double Early Tulips than the above. The flowers are of great size, perfectly double, and of all the choicest, brightest colors and variegations. They make a very bold, showy bed. Every bulb will develop a big, double flower. Per hundred, at express office here, \$1.25; per thousand, \$12.00.

Collection C—Double Late, Parrot and Botanical Tulips.

LATE DOUBLE TULIPS.

10 Very Fine Bulbs, 15 Cents.

PARROT TULIPS.

Blue, Blue Flag, very double and showy.
Red Striped White, Mariage de Maille.
Pure Yellow, large, most deliciously scented.

Scarlet, Admiral of Constantinople.
Yellow, Lutea Major, Parrot very showy.
Yellow and Scarlet, Perfecta, beautiful.

BOTANICAL TULIPS.

Scarlet, Caledonia, scarlet, black and gold.
Yellow, Retroflexa, petals elegantly recurved.

White, Edged Pink, Picotee, extra fine.
Rosy Carmine, Gesneriana Rosea, beautiful.

The above Tulips are late-blooming, but exceedingly showy and beautiful. They are rarely met with, and are more admired on that account. They are entirely hardy. Most of them are sold by other dealers at fancy prices, but I secured these I offer, at a bargain by contracting for a large lot, and can therefore sell at the marvelously low price at which I offer them. Do not fail to include this collection in your order. 100 at express office here \$1.25; 1000, \$12.00. Order this month, as you may not have such an opportunity again.

Collection D—Darwin Tulips. 10 Bulbs, 20 Cents.

White, La Candeur, almost pure white; tall.
Red, Laurentia, robust tall, bright flaming red.
Soft Rose, Mme. Krelage, large and beautiful.
Deep Rose, Pride of Haarlem, large flower.
Black Blue, Sultan, tall, rare and showy.

Rosy Scarlet, Wilhelmina, very handsome.
Yellow, Persica, yellow and brown; splendid.
Salmon Pink, Clara Butt, beautiful soft color.
Rosy Violet, Early Dawn, with blue center.
Vermilion Glow, margined white, blue center.

Collection E—Giant or Tree Tulips. 2 Bulbs, 15 Cents.

TREE TULIP, scarlet with blue center mostly branching, bearing large, showy flowers, 8c a bulb.

TREE TULIP, violet striped white, robust, each plant bearing several cup-shaped flowers, 8c a bulb.

These Tree Tulips are hardy, mostly branch like a tree, bearing several flowers. They require a deep, rich soil to develop satisfactorily. Both, however, are hardy and of easy culture.

Collection F—Pottbakker Tulips. 3 Fine Bulbs, 6 Cents.

The Pottbakker Tulips are large and handsome, long stems, very bright and showy, useful for beds as well as for cutting. They bloom after the single early Tulips, and as they all bloom at the same time, they can be grouped in a bed with good effect. The price is only 3 cents each, or the three bulbs for 6 cents; or in quantity the price is \$1.25 per hundred or \$10.00 per thousand, delivered at the express office here.

Pottbakker White

Pottbakker Scarlet

Pottbakker Yellow

Collection G—Duc Van Tholl Tulips. 10 Bulbs, 15 Cents.

The Duc Van Tholls are the earliest of all Tulips, coming with the early Hyacinths in spring. They are single-flowered, and the only Tulips that I recommend for house culture. I can supply the following varieties at 4 cents each or the entire collection, 10 fine bulbs in ten colors, for 15 cents.

Red and Yellow
Scarlet

Rose
Vermilion

Gold Striped
Maxima White

White
Violet

Yellow
Crimson

SPECIAL OFFER.

For only \$1.15 I will mail one bulb of each variety above described, 75 bulbs in all, separately wrapped. Such a lot of bulbs could not be purchased elsewhere for three times that amount. Cultural directions with every package. Send 10c additional for the Magazine.

Note.—Your money back if not satisfied.

Address **GEO. W. PARK, La Park, Pa.**

BARGAINS IN CHOICE HYACINTHS.



PERHAPS THE MOST BEAUTIFUL AND SHOWY OF ALL the hardy spring bulbs are the Hyacinths. They are among the earliest to greet us in the spring, and their waxy, graceful trusses of bloom of all the rich shades and colors, pleasing the eye, and making the balmy spring air redolent with perfume, always elicit enthusiastic admiration and praise. Now is the time to get the bulbs, either for growing in pots of soil or glasses of water for winter-blooming, or for bedding in the garden to bloom in early spring. I offer fine imported bulbs of the choicest named varieties, made up in fine collections, embracing all the lovely colors. The cheaper bulbs are preferable for bedding, and will improve in beauty for several years; the larger, more expensive bulbs are the best for winter-blooming in the house. All are fine bulbs, and can be depended upon to bloom beautifully either in window or garden. As a rule the single-flowered varieties are preferable to the double-flowered for general purposes, and I therefore offer more bulbs of single than of double Hyacinths.

GIANT SINGLE HYACINTHS.

The Collection, 3 Bulbs, only 35 Cents.

Pure White, L'Innocence, a charming pure white Hyacinth; splendid waxy bells; enormous spikes; magnificent.

Rose, Ornament Rose, an exquisitely handsome sort; lovely, delicate rose-colored bells; huge, attractive truss, surpassingly handsome.

Blue, Grand Maitre, a glorious Hyacinth, large graceful bells; mammoth compact spike; the most popular and attractive of blue Hyacinths; color a deep, porcelain blue, very rich and effective.

COLLECTION No. 1--10 Bulbs, 30 Cents

Pure White, L'Innocence, early, fine truss; extra; the most popular white.

Cream White, Leviathan, exquisite waxy bells, fine spikes.

Dark Rose, Lord Macaulay, bright carmine-rose with pink center, early, extra.

Porcelain-blue, Queen of the Blues, large bells, fine spike, early; one of the best.

Purple, Lord Balfour, very early, enormous truss, finest of its color.

Blush White, Mr. Plimsoll, large, handsome bells, grand spike; splendid.

Rose, Chas. Dickens, very early fine bells, fine large truss.

Crimson-scarlet, Victor Emanuel, brilliant, fine bells, large, handsome truss.

Dark Blue, King of the Blues, showy bells, splendid, well-finished truss.

Yellow, MacMahan, splendid; fine bells, large, broad truss.

COLLECTION No. 2--10 Bulbs, 30 Cents

Pure White, La Grandesse, a superb sort; elegant large bells, grand truss.

Crimson-scarlet, Etna, brilliant, striped bells, large and showy; fine truss.

Porcelain, Grand Lilas, extra fine; graceful bells, large, attractive spikes.

Blue, Enchantress, charming; large, waxy bells, showy truss.

Mauve, Sir Wm. Mansfield, a splendid Hyacinth; lovely bells, showy truss.

Yellow, Ica, the finest yellow; waxy bells, large showy truss; extra.

Blush White, Anna, early; splendid waxy bells, large, showy truss.

Cream White, Semiramis, lovely waxy bells, fine large spike; beautiful.

Rose, Gen. de Wet, clear, lively color, fine bells and superb spike.

Dark Rose, Lady Derby, splendid early sort; charming bells, elegant spike.

COLLECTION No. 3--10 Bulbs, Double-Flowered, 30 Cts.

Pure White, La Tour d'Auvergne, early, very double bells, fine spike; a choice sort.

Blush White, Isabella, splendid bells, very large spike; superb variety.

Cream White, Grootvorstin, bells with yellow centre, splendid truss; extra.

Light Rose, Chestnut Flower, waxy bells, fine, large spike; very handsome.

Dark Rose, Prince of Orange, very early, charming bells, showy truss; beautiful.

Crimson Scarlet, Bouquet Tendre, lovely bells, fine, large spike; a choice Hyacinth.

Porcelain, Bloksburg, very fine bells, large, showy truss; one of the best.

Bright Blue, Garrick, splendid bells and truss, a very fine sort.

Violet Blue, Crown Prince of Sweden, superb, large bells, elegant truss; extra.

Buff Yellow, Sunflower, very graceful bells, heavy truss; the best double yellow.

COLLECTION No. 4--7 Bulbs 30 Cents.

Pure White, La Tour d'Auvergne, early; fine double bells, heavy truss; very handsome.

Dark Rose, Prince of Orange, early; charming double bells, large, showy truss; beautiful.

Porcelain, Bloksburg, very fine, double bells, large truss; a handsome Hyacinth.

Buff Yellow, Sunflower, splendid double, graceful bells, heavy truss; finest double yellow.

Blue, Grand Maitre, early; very large single bells, superb spike; splendid for house or garden.

Pink, Gertrude, single, large bells, compact spike; early. This is one of the finest Hyacinths for either pots or beds.

Pure White, Augustin Christina, very large, single bells, superb truss; new, early and fine.

Blue, Grand Maitre, early; very large single bells, superb spike; splendid for house or garden.

The above three Fine Single Hyacinths 5 cents each, or the three for 15 cts. The entire collection, 4 double and 3 single Hyacinths mailed for 30 cts.

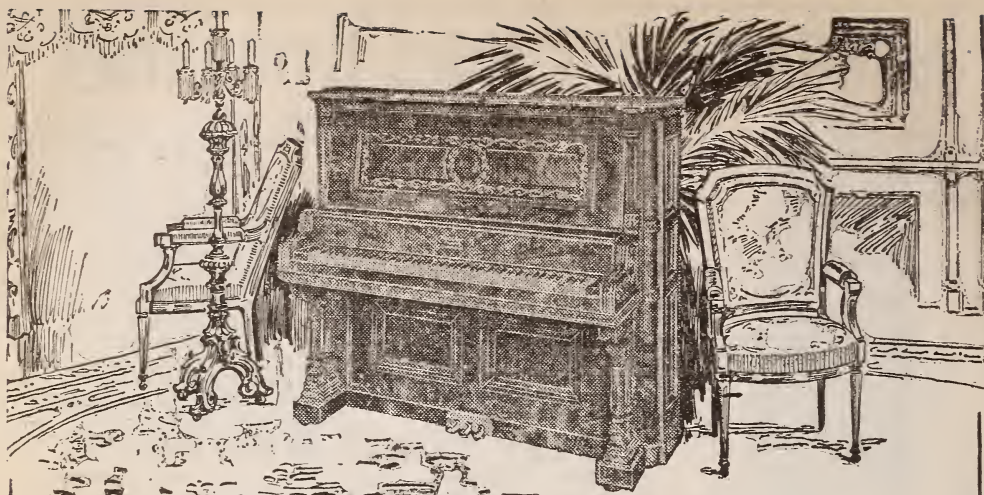
The above four splendid Double Hyacinths will be mailed at 5 cts each, or the four for 20 cts.

Collections 1 and 2 embrace the most beautiful Hyacinths in cultivation. To anyone sending 60 cts. for two collections I will add two double or single Hyacinths, your choice, as a premium.

LARGER BULBS--- Although the above offered bulbs are all of fine blooming size, and will improve with age, I have secured bulbs of larger size, for those who wish them. These are preferable where the largest spikes of bloom are desired, and are usually sold at 12 cts each, or \$1.20 per dozen by most dealers. I supply the larger bulbs of any of the collections, except No. 4, at 50 cts per collection.

SPECIAL--- For \$1.10 I will mail the above four collections, 37 bulbs in all, embracing all the fine single and double Hyacinths I have. This is a bargain. Get and plant or pot these bulbs during October and November, if you wish the best results. Orders received in September will be booked and the bulbs sent early in October, as soon as they arrive from Holland.

GEO. W. PARK, LaPark, Pa.



The Wing Piano Shipped on 4 Weeks' Free Trial

YES, we will ship to you on 4 weeks' absolutely free trial a Genuine highest grade Wing piano **DIRECT** from our own factory, *freight prepaid*. The most surprising—most amazing offer ever made. An offer that puts you on the same footing as the largest piano dealer—and at the very **rock-bottom DIRECT** wholesale factory price! Since 1868—for 48 years—we have been building Wing Pianos, renowned everywhere for their sweetness of tone and sterling merit—and we now make you the greatest of all offers on the Wing, guaranteed for 40 years.

We will allow you to use *any* Wing piano—your own choice of 38 superb new styles in any shade of mahogany, walnut or oak—in your own home for four full weeks at our expense. A Wing Upright, a Wing Grand or a wonderful Wing Player-Piano that plays all the greatest concert and opera selections (you can play it perfectly the first day without taking music lessons).

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We ask no money down—nothing on arrival—no freight either way—no deposit. Just choose any **Wing** from our large catalog. We employ *no salesmen* of any kind to visit and annoy you. We'll ship the instrument, no money down—*freight prepaid*. While the piano is in your home use it just as if you owned it. Compare with description in the Wing catalog—but note the **rock-bottom direct-wholesale-factory price** is quoted in the personal letter to you. Play the piano—let your friends play it. Examine it carefully—thoroughly—inside and outside. Take music lessons on it if you like. Note the perfect bell-like tone, the remarkable easy regularity of the action, the deep resonance of the bass, the timbre of the treble—note all this—then—

At the end of the 4 weeks trial, if you wish, you may return the piano at our expense. We pay return freight to New York. Not a penny to pay for the pleasure of using the piano for 4 weeks. *No salesman to annoy you—you and your friends to judge.* Write now for the piano book (free).

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PARK'S FLORAL MAGAZINE

ESTABLISHED 1871.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. LII.

La Park, Pa., October, 1916.

No. 10.

OCTOBER.

In the bracing breeze the shedding trees,
Over earth a royal carpet lay
Tinted red and brown and green and gold,
Where October rests to mourn and pray,
Like a queen, dethroned and banished,
Looking back, that wept and vanished.
Topeka, Kan. Gussie Morrow Gage.

WINTER-BLOOMING BULBS.

THOSE who have had but little experience in growing bulbs for room decoration in winter should get such bulbs as Hyacinths, Narcissus and Freesias. For early flowers White Roman Hyacinths and Paperwhite and Double Roman Narcissus are preferable. These bulbs are grown in the south of France and imported into this country, coming usually a month earlier than the bulbs which are grown in Holland. They can, therefore, be potted in September. The pink and blue Roman Hyacinths are also desirable, but are not quite so early developing as the white Roman Hyacinths.

Freesias are mostly grown in Bermuda, and these with Buttercup Oxalis and Callas can be obtained and started in September, and all are early and sure to bloom. In October the bulbs from Holland arrive, and the best of these for winter-blooming are the large-sized, single Hyacinths in various colors, the single Daffodils and the Polyanthus Narcissus. Other bulbs are recommended, but those who have had but little experience in growing winter-blooming bulbs for room decoration should buy sparingly of them. Among such are Tulips,

Double-flowering Hyacinths, Crocuses and others. The florist who understands the needs of these bulbs from practical experience can successfully grow them, but they frequently fail in the hands of the amateur.

The treatment of bulbs for winter-blooming is very simple. The bulbs are potted with the crown protruding, the compost being of two parts sand, one part leaf-mold and one part rich, fibrous loam. These materials well mixed with good drainage will develop fine flowers. Press the earth firmly about the bulbs, place some Sphagnum Moss over, and water thoroughly, then set the pots in a dark, rather warm closet, allowing them to remain there

until well rooted, or until you wish to start them into growth. If not well rooted the bulbs will almost invariably push up stunted scapes, and the buds will try to open almost before they are out of the ground. Ofttimes the entire truss will turn brown and die before the buds open. When you bring the pots out from the dark room do not set them directly in the sunlight, but in a shaded window where the atmosphere is cool and moist. Allow them to remain here until you wish the flowers to open, then set them in the sunlight and give a little more heat. When the flowers are open keep them in the shade, and as cool as possible, if you wish the blooming period

prolonged. Avoid a dry atmosphere. If the pots are set in a zinc tray with the Sphagnum Moss around them, the flowers will often develop better because of the rising moisture from the moss. The illustration represents a group of these winter-blooming bulbous flowers.



WINTER-BLOOMING BULBOUS FLOWERS.

Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

The Editor invites correspondence from all who love and cultivate flowers.

Subscription Price, 10 cents for 1 year, 25 cents for 3 years, or 50 cents for 6 years.

All communications relating to advertising should be directed to J. M. Fogelsanger, 612-614 Chestnut St., Philadelphia, Pa., who is the advertising representative.

[Entered at La Park, Pa., postoffice as second class mail matter.]

October, 1916.

Heliotrope.—The Heliotrope is not a desirable plant for winter-blooming in the amateur's window. As a rule, those who attempt its culture make a failure. It is an excellent summer-blooming plant for the garden, and should be given a rich, well-drained bed in full sunshine. When grown in the house it requires a warm, sunny window.

Lice on Roses.—As a rule, lime-sulphur solution in the proportion of one-part solution to twelve parts water, applied to Rose bushes during the early part of the season, will prevent an attack of lice or aphids. It is also an effectual remedy for nearly all other enemies of the Rose. If, however, Roses become affected with lice, use the lime-sulphur solution in tobacco tea instead of water. This tobacco tea is made simply by steeping tobacco stems in hot water.

Digitalis Monstrosa.—A lady from Southhold, N. Y., writes that she has a plant bearing bell-shaped flowers to the top of the stem, and a large, open, Campanula-like flower at the top. Her plant is probably *Digitalis monstrosa*, a hardy plant which can easily be grown from seeds sown during early summer. It likes a rather dry, shady place, and the bed should be well drained, otherwise it is liable to damp off during winter. A board placed at the northwest side of the bed to ward off cold winds will be found beneficial as a protection during winter. All Foxglove plants do well in a rather sandy soil with partial shade.

Tamarix Gallica.—Mrs. Anker, of Chicago, sends a blooming branch of this *Tamarix*, asking its name and some information concerning it. She states that her plant is very handsome, rather slender and drooping, 10 or 12 feet high, and blooms early in summer, bearing small, pinkish flowers in clusters. It is a shrub more-or-less hardy at the North, according to the place it occupies. There are a number of kinds, but the one in question is the hardiest of the lot, and perhaps the most desirable. It was introduced into this country from Europe. It is readily propagated by cuttings from the young branches, and the plant delights in any sunny situation.

PANSY GERANIUM.

THE SO-CALLED Pansy Geranium is a *Pelargonium*, the plants of which bloom at certain periods of the year, and are dormant at other times. When a plant has ceased to bloom it is well to give it a season of rest by withholding water and keeping the plant in a cool, retired place for several weeks. At the end of this time repot the plants, pressing the soil firmly about the roots, cut back the tops, and keep in a partially shaded place until growth begins, when they should be given more sun and more water. The growth thus made will become the blooming branches for the next period of bloom. When the plant is growing occasional applications of weak, liquid manure will be found beneficial.

There are some hybrid varieties that bloom several times during the year, and, as a rule, these are preferable to the older varieties, though it cannot be said that their flowers are more attractive. Easter Greeting is one of these, and is really a very attractive blooming plant.

Mostly the *Pelargoniums* are not so successfully grown as *Geraniums*, and their culture should be made a matter of study and observation to secure the best results.

Nerine Sarniense.—This bulbous plant belongs to the *Amaryllis* family, and is commonly known as Guernsey Lily, because it is common in the Isle of Guernsey. It is almost hardy, but at the North should be treated in the same manner as the *Aigberth Amaryllis*. The flower scapes appear in autumn or early winter, at which time the surface soil should be taken off and replaced with an enriched compost. The foliage develops after the flowers, and the plant should have attention until the foliage begins to fade. Water should then be withheld entirely, and the pot should be kept in a cool, frost-proof place until signs of growth appear, when the water should be very gradually renewed. The plant has salmon-colored flowers, is of easy culture, and should be better known.

To Prevent Aphids.—*Cineraria*, *Pelargonium*, and some other plants are so troubled with aphids or green lice that the plants are often destroyed before even the presence of the pest is known. To prevent an attack keep the soil about the plants covered with chopped tobacco stems. Do not wait until the plants are infested, but cover the soil as soon as the plants are potted. The tobacco will not only ward off the pest, but it will also act as a fertilizer and thereby promote the growth of the plants.

Iris and Paeonies from Seeds.—Plants of *Iris* and *Paeonies* can be grown from seeds. The *Iris* seeds will mostly come up promptly, and the plants will bloom the third year. *Paeony* seeds usually lie in the ground for from one to three years before germinating, and it requires from three to five years for the plants to become of blooming size.

EASTER LILIES AFTER BLOOMING.

IT IS WELL KNOWN that the Easter Lily, *Lilium Harrisii*, must be potted in September or October in order to develop the flowers ready for Easter decoration. The bulbs will produce one or more flowers, according to the size of the bulb and the treatment it receives. A small bulb should be potted in a five-inch pot, and a large bulb in one eight or ten inches in diameter. The height of the plant and the size of its bloom will depend very much on the size of the pot in which it is growing, as a small pot will dwarf or obstruct the full development of the plant and flowers. In potting the bulbs must be set at least two inches beneath the surface, so as to accommodate the annual rootlets which grow along the stem above the bulb. On this account there ought to be pots made high in proportion to the width, so as to provide for the deep setting of the bulb. After potted they must be kept in a cool, dark room or cellar, where they will throw out roots and make preparations to develop the flower stem.

It usually requires four or five months to develop the flowers from the time the bulbs are potted. When the plants are brought out to the living-room the temperature should be cool and moist to promote the full development of the flowers, and it requires some judgment and experience so to manage the bulbs that they will be in bloom at the time the flowers are wanted. Avoid direct sunshine after the flowers are open, and keep the room temperature as cool as possible.

When the flowers fade the plant can be given a retired place, but the soil should be kept moist until the tops begin to fade, when water can be withheld entirely and the soil allowed to dry out. The pot can then be given a place in the cellar or in a dark closet, where the bulb will take care of itself until planting time in autumn. If found in good condition at this time it can be repotted, and will do service another season. If the bulb has split up into small bulbs, it will not bloom again until these smaller bulbs become of blooming size, which may require several years of growth. In the South these small bulbs could be bedded out, but at the far North they would not endure the winter, and might as well be discarded.

LILACS.

THE LILAC is an old-fashioned shrub of easy culture. The plants like an open, sunny situation where the air and sun can have free access to the tops at all times. The plants can be transplanted either in spring or autumn, and are perfectly hardy. They will begin blooming when quite small, and will bloom annually for many years afterwards. A plant once established will sprout from the base and soon form a clump that will increase in size and beauty with age. In pruning cut away only the dead or sickly or superfluous branches, and it is well to remove the flower panicles as soon as the flowers fade to prevent seeding. Lime stirred in about the roots will often promote early blooming, and if a plant needs a fertilizer give it a dressing of phosphate or bonedust. Where the plants bloom freely a mulch of stable litter will be found beneficial. The plants are readily propagated from seeds and cuttings, or from shoots that spring up from the roots.

Sweet Williams After Blooming.

— If seeds are not wanted it is well to cut away the heads of Sweet Williams as soon as the flowers have mostly developed, or the flowers may be allowed to develop until the bed begins to appear unsightly, then cut off all the stems. If this is done promptly, before the plants have exhausted themselves seeding, new shoots will issue and a second crop of bloom will develop. If not allowed to exhaust themselves bearing seeds the plants will live and bloom for several years.

Fertilizer for Roses.—An excellent fertilizer for Roses is bonedust, which tends to sweeten the soil and promote the free development of buds and flowers. If a strong growth of branches is desired use fresh, pulverized horse manure, which may be obtained upon the public highway or from the horse stable.

Non-blooming Rose.—Mrs. Tillon, of Wyoming, has had a Rosebush for 18 years that has not produced a flower. It is possible that the soil is charged with alkali, and a dressing of fresh-slacked lime stirred into the surface may prove effectual in developing buds.



EASTER LILIES.

DIMORPHANTHUS.

THE HARDY SHRUB known as *Dimorphanthus Mandshuricus*, and sometimes catalogued as *Mandschuricus Japonicus* and *Aralia Japonica*, grows from 10 to 12 feet high, bearing immense, compound, fern-like leaves, and producing great panicles of bloom during the month of August, at a time when there are but few shrubs or trees bearing flowers. The flowers are small, white, in big panicles, and make a fine display against the elegant foliage. When the flowers fall fruits appear the size of an elderberry, and not unlike an elderberry in general appearance. From these the plants can be readily propagated, and wherever the roots are disturbed young shoots will spring up and form vigorous plants.

The older plants are liable to die, to be replaced by those that spring from the roots, and when a plant becomes weak or sickly it is well to cut it out early in spring, and encourage the growth of the younger plants. The plants appear well in a rather dense group, and when the flower clusters appear it is advisable to remove some of the larger leaves that obstruct the show of the flowers, so as to enhance the general effect. This shrub can be effectively used upon large grounds or in parks, or for planting near to unsightly buildings or fences to make a place attractive. In such cases a border of Cannas or Caladiums around the base will fill in the clump, and add to the display.

This is one of the handsome shrubs rarely seen, though it is beautiful in foliage, and blooms conspicuously at a time when flowers of trees and shrubs are a rarity. It is recommended to all who have spacious grounds.

Crinum Powellii.—This *Crinum* has



proved perfectly hardy at La Park, the plants remaining in the bed throughout winter, where they grew and bloomed last year. The bulbs are long, and like other *Crinums* have a long neck. This neck should protrude above the soil at least for one-half its length, the chief part of the bulb being under the surface. In the garden rubbish may

be thrown over the tops as a slight protection at the North. The plants will also be benefited by mulching in summer with stable litter. They are sure-blooming bulbs, and a bed of them shows flowers throughout the season.

Non-blooming Wistaria.—When a *Wistaria* fails to bloom it may be due to a very rich, tenacious soil and partial shade. Remove the surface soil and replace with very sandy soil into which is mixed some bonedust. If the plant is much shaded remove it to a sunny situation. When the soil is suited to it, however, the plant will bloom freely.

FUCHSIAS.

THESE ARE beautiful summer-blooming plants which can be wintered in a frost-proof room, or in a dry, well-ventilated cellar, watering sparingly while inactive. They delight in a rich, porous, sandy compost, prepared by mixing sand, half-rotted sods and wood's earth or leaf mold, together with well-rotted cow manure or finely pulverized cow



chips. These materials should all be well-mixed, and good drainage provided. Pot firmly, pressing the soil securely about the roots, and then watering. In sections where the soil is heavily charged with alkali it is well to stir a small

portion of lime into the compost, or mix it with the surface soil after potting. Give the plants a partially shaded situation, as the east side of a house or upon a porch at the east side, and keep regularly watered. If the soil dries out quickly set the pots inside of larger pots, with *Sphagnum Moss* between and over the soil. In parts where there is a strong breeze most of the summer, it is better to keep the plants in a plant window facing the east, to get the best results. All *Fuchsias* do well in summer, but *Fuchsia speciosa* is the most desirable for winter-blooming. (See engraving.)

Roman Hyacinths.—The *Roman Hyacinths* are hardy when planted out, and will bloom early in spring. They should not, however, be planted until November. If they are planted early they will begin growth, and shoot up buds in autumn, that will be destroyed when winter comes.

Fuchsias for Winter-blooming.—Perhaps the best *Fuchsia* for winter-blooming is *Fuchsia speciosa*. It bears clusters of light-pink, long-tubed, drooping flowers. The plants should be grown in pots during summer, so as to be in condition for blooming on the advent of winter.

CARE OF ABUTILON.

THE HYBRID varieties of Abutilon, popular as window plants, are tender shrubs that must be kept free from frost, and can only be cultivated at the North in the conservatory or plant window. The plants are ever-blooming, bearing bell-shaped flowers of various colors from white to scarlet, the foliage of some varieties being blotched or margined with white or yellow. The plants will grow six or eight feet high under favorable



conditions, but as house plants they are mostly from one to two feet high, branching in the form of a tree, and attractive on account of the foliage as well as their flowers. They thrive in a compost of half-rotted sods, well-rotted manure, sand and leaf-mold, equal parts, well-mixed,

with good drainage. They will bloom in an east window where they get but little sun during the winter, but prefer a southern exposure, where they will get plenty of sun.

To have good winter-blooming plants get small plants in midsummer, pot them in three-inch pots, and shift them into larger pots as they develop, then into four or five-inch pots, in which they may be allowed to bloom. The shifting will prevent blooming, but encourage free development of roots and insure an abundance of flowers during the winter months. *Abutilon Mesopotamicum* is a climbing sort that should be given support, either by a string or a trellis, and will grow and bloom throughout the winter. All are of easy culture, showy and among the best plants for blooming during the winter months.

Starting Begonias and Gloxinias.—Tuberous Begonias are usually propagated from seeds, but may be started from cuttings of the stems just as Fibrous Begonias. Gloxinias are also started from seeds, but can be propagated from leaves. In leaf-propagation cut the stem off at the base and insert in moist sand in a glass case. A little tuber will form at the base of the stem, which will in time develop leaves and become a plant.

Asparagus.—All kinds of Asparagus, including *Plumosus* and *Sprengeri*, require an annual season of rest, and their need is indicated by the foliage turning brown. When this occurs water the plants sparingly and give them a cool, retired place for a period of six weeks or more, then cut away the brown or dead parts, stir some bonedust into the surface soil, and gradually renew the water supply, when the plants will become more beautiful than ever before. They do well with a western exposure.

ARBOR VITAE.

THE BEAUTIFUL evergreen known as Arbor Vitæ makes a handsome hedge when set close together, and more or less pruned back; or, if set farther apart it makes a fine windbreak, and can be permitted to grow to any height desired. The branches spread and touch the ground, and the trees become of pyramidal form. For a hedge the plants can be set two feet apart; for a windbreak they should be set 10 feet or more apart. When once established the trees form a permanent hedge or windbreak, and are beautiful the year round. Before setting the trees for a hedge dig a trench from two to three feet deep, enriching the soil with well-rotted barnyard manure well incorporated. In getting and planting the trees do not permit the roots to dry. They must be kept moist continuously from the time the trees are dug until planted. If permitted to dry the pitch in them will harden, and it is sure death to the trees.

The best time for removing the trees is during a damp spell of weather in early spring. In planting the trees for the windbreak make an excavation three feet deep and three feet in diameter, and enrich the soil as recommended for the hedge. By careful planting the trees will soon begin growing, and the prepared soil will give them a good start. After the roots get out into the surrounding soil and enlarge, the growth will be satisfactory without special attention, unless the soil is very poor, in which case a special covering of good stable manure should be given.

Non-blooming Amaryllis.—When an *Aigberth Amaryllis* or *Amaryllis Johnsonii* fails to bloom it is mostly because the bulbs have not been sufficiently ripened. Growers in Holland recommend keeping the bulbs retired in a cool, rather moist temperature until buds form and begin to push out from the ground. This would indicate that many persons do not give their bulbs sufficient rest. When resting water should be entirely withheld.

French Buttercups.—The tubers of French Buttercups are dry when received, and should be planted in very sandy, well-drained earth and kept moist, but not wet, until growth begins, when a more liberal supply of water can be given. Many persons plant them in tenacious soil and keep it wet, thinking that the tubers will require a lot of moisture to start them. Tubers planted in tenacious soil and watered freely will almost invariably rot.

Columbine.—A lady at Bath, Me., asks if seedlings of Columbine or *Aquilegia*, started in February in the house, would bloom in the spring when transplanted to the garden bed. It is not likely that plants started in February would bloom the following spring or summer. If the seeds were sown in the garden bed during September, however, and not transplanted, some of them would doubtless bloom the following year.

Editorial Letter.

MY DEAR FRIENDS:—How bright and beautiful are the old-fashioned Morning Glories as they nod and smile at us these early autumn mornings. And how richly are they dressed in white and pink and blue scarlet, with pretty trimmings. But did you ever stop to think how the slender vines reach such a height with only a little string to use as a ladder? At a casual glance you



FIG. 1.
MORNING GLORY.

will notice that the vine twines around the string or pole, but if you will examine the stem closely you will find it clothed with innumerable white hairs, all of which are turned downward except at the growing tip. The vine always turns from the sun, or from left to right (See Fig. 1), and no amount of training or coaxing will change its course. But the little hairs along the stem act as hooks, and prevent backsliding. The vines of all the Morning Glory family, as the Cypress Vine and Ipomæas, twine in the same direction.

The Hop Vine, *Humulus*, entwines its support in the same manner as the Morning Glory, but its stem is beset with stiff, sharp bristles that point downward, and these effectually prevent slipping upon the support. The Japanese Hop (See Fig. 2) is perhaps the most tenacious of climbers because of its abundant supply of sharp, stiff, hooked bristles. It is really a handsome vine in its variegated form, but should not be allowed to scatter its seeds, which are abundantly produced, broadcast, as its tenacity, self-seeding, and vigor make it liable to become an intolerable nuisance.



FIG. 2.
JAPANESE HOP.



FIG. 3.
CINNAMON VINE.

The Cinnamon Vine, *Dioscorea batatas*, (see Fig. 3) also entwines from left to right, and is held up by its rough, angular, twisted stem, and also by using its leaf-stems partly as tendrils, where necessary. A curious phenomenon of this vine is to produce little potato-like tubers at the nodes or joints where we might expect leaves and flowers. As it does not produce seeds in our climate, this is a bountiful provision of Nature for reproducing and continuing its kind.

Possibly the most vigorous of our garden herbaceous vines is the Kudzu Vine, *Pueraria Thunbergianum*, represented in figure 4. The base of this vine is shrubby, and from it come the robust shoots that will grow 100 feet in length in a season.

The vine twines as the Morning Glory, from left to right, and being thickly beset with brown hairs that issue from black, wart-like protuberances upon the stem, it always retains



FIG. 4.
KUDZU VINE.

its place upon its support. The Kudzu Vine has graceful compound leaves that are strongly net-veined upon both sides, and the surface being covered with white pubescence the color is a lovely light green. The stems and leaf-margins are thickly set with brown hairs, and this affords a little variegation that is pleasing. I know a big porch, the pillars and eave of which are decorated by this vine, and it always calls forth its share of admiration and praise. In autumn the large clusters of violet-colored, pea-like flowers add to the effect.

The various members of the Bean family—Scarlet Runner, *Dolichos*, etc., also *Wistaria*, *Celastrus*, *Aristolochia*, and many other climbers twine in the same direction as the Morning Glory, from left to right.

Here is the so-called Buckwheat Vine, *Polygonum dumetorum* scandens, shown in figure 5. It twines with the sun, or from right to left. It is smooth, having no stem-hairs, but upon inspection you will find it is slightly angled and twisted lengthwise, and ribbed crosswise, which are aids in retaining its climbing position. It is a pretty vine, but its flower clusters are not attractive to the naked eye, though of much interest under the microscope. The Honey-suckle Vines also climb by turning from right to left.



FIG. 5.
BUCKWHEAT VINE.

But vines do not all climb by twining around the support. Over there is a Locust tree with rough bark, and going straight up its trunk is a specimen native vine of the Gourd family, *Sicyos angulatus*, illustrated in figure 6. This rapid climber has compound tendrils that are somewhat angular, as is the main stem, also flattened and covered with fine hairs. These tendrils are straight until they find a crevice for the tips to enter, or a twig to encircle, then they form a coil, and draw the vine up to the support, while at the same time taking a firm hold of the bark or other support found. I have known these vines to ascend the bare trunk of a tree in this way for 20 or 30 feet, or until the growth is established among the dense branches, then let go of the trunk and depend upon the support of the branches, thus becoming a source of wonder to the later observer as to how the vine gained its place among the high branches.



FIG. 6.
SICYOS ANGULATUS.

Another vine that will go straight up the trunk of even the smoothest-barked tree is *Ampelopsis* or *Woodbine* (See Fig. 7.) At each joint, or opposite the leaf-stem, is a branching tendril, with tips slightly enlarged, and exuding a viscid, glue-like substance that hardens when it touches support. Thus the vine is firmly fastened. The *Cross Vine*, *Bignonia capreolata*, also climbs by tendrils in this way.



FIG. 7.
WOODBINE.

In a similar manner the well-known *Trumpet Vine*, *Bignonia radicans* (See figure 8), ascends a wall or tree, but instead of tendrils it develops at each leaf



FIG. 8.

where support is available, several little brown disks with larva-like feet or glands which develop and exude a glue-like substance that fastens the vine securely. By this means it will grow to the top of the highest building or tree.

The *Perennial Pea*, *Lathyrus latifolius*, ascends by means of branching tendrils that appear at the tip of the leaves (as indicated in figure 9), and are apparently a transformation of the leaves to enable the plant to climb. When provided with a lofty trellis in good soil, these



FIG. 9.
PERENNIAL PEA.

BIGNONIA RADICANS. Peas will grow 12 feet high, and bloom from summer until late in autumn, showy in the garden, and graceful and beautiful when cut for room decoration. *Cobæa scandens* has a similar combination of leaves and tendrils.

The *Poison Ivy* (figure 10), which is often so pleasingly effective along old fence-rows, and will crown a post or old stump with a graceful array of foliage and bloom, climbs by means of aerial roots that appear along the stem. I have noticed upon a supporting tree the stem of this Ivy an inch and a fourth thick for 20 feet or more from the ground, its surface a mass of brown, branching rootlets from every part, and attached to the bark in this way wherever near enough to effect a union.



FIG. 10.
POISON IVY.

Geo. W. Park.

A POPULAR COLEUS:

ONE OF THE most beautiful and easily grown of window plants is the *Trailing Coleus*, variously known as *Cecil Brown*, *Trailing Gem*, and by other names. The plant is of spreading habit, the branches being thickly set with rather small leaves, but each leaf is distinctly variegated, and as attractive as a flower. The base of the leaf is yellow with carmine spots; the center is bright carmine surrounded by chocolate, with apple-green markings; the margin is handsomely crenated, and rich-green in color.



This elegant *Coleus* will grow in any rich soil, in sun or partial shade, and will bear more cold and neglect than any other variety of *Coleus*. It makes a beautiful edging when bedded out in summer, is graceful and pleasing as a vase or window-box plant, and is wonderfully beautiful when grown in a basket or bracket pot. It is not a new plant, but in many sections of our country it is rare and should be better known. It is one of those exquisite, useful foliage plants that deserve a place in every plant window. The little illustration represents it as growing in a basket.

Rubber Plant.—Rubber plants are very easily grown, but they should be given a sandy, porous, well-drained soil, and should be moderately watered. If grown in a tenacious, poorly drained soil and watered freely, the lower leaves will turn brown and drop, because of injury to the roots; and if the practice be continued the plants will finally lose their handsome leaves and die. Watering occasionally with manure water, this being made by soaking horse manure in water, will be found beneficial. Some *Sphagnum Moss* placed over the soil in the pots will prevent hardening of the soil and undue evaporation, and promote a healthy growth. They like a warm, sunny exposure.

Snowball Enemy.—The old-fashioned *Snowball*, *Viburnum Opulis sterilis*, is troubled with a green louse that ruins the foliage and the flowers. This pest might be avoided by spraying, in early winter after the foliage drops, with lime-sulphur solution, one part solution to seven parts tobacco tea. Another application should be given early in the spring, before the buds develop, and later the spraying should be repeated at intervals of a week or more with lime-sulphur, using one part solution to 15 parts tobacco tea. A similar aphid infests the *Trumpet Honeysuckle* in some places, and the same remedy can be used for it. As a rule, it is better to get plants of the Japanese *Snowball*, which is not troubled with enemies, and is equally as handsome.

THE ROYAL POINCIANA.

SEEDS OF SHRUBS.

POINCIANA REGIA is known as the Royal Poinciana, because of its very beautiful foliage and clusters of showy flowers. In a protected place in the distant South this Poinciana becomes a tree 40 to 50 feet high, wonderfully attractive in its exquisite foliage, and glorious when in bloom. Such a tree can be seen in Tampa, Fla., at the big Catholic rectory near the business part of the city, and is a source of admiration to everyone who passes. The seeds of this tree are not unlike those of a Russian Sunflower in general appearance, and from them propagation can readily be effected. At the North this Poinciana is a valued pot plant for its foliage, and under favorable conditions in the greenhouse it would doubtless produce bloom.



Lily of the Valley.—The roots of Lily of the Valley are perfectly hardy, and the clumps enlarge from year to year, making a finer display as they grow older. They can be planted at any time with entire safety.

Starting Monthly Roses.—Cuttings of monthly roses can be taken during summer and inserted in sandy soil in a shady situation, placing a glass jar over them. Keep the soil moist, but not wet, until the cuttings are rooted, when they may be lifted and set where wanted. In inserting cuttings in sand always let the top bud protrude above the surface. The soil should be three-fourths sharp sand and the remainder leaf-mold or porous soil if possible.

Scale on Lemon.—To eradicate scale from a Lemon tree brush the scale loose and sponge the stems and leaves with soapsuds as hot as the hand will bear, a tablespoonful of kerosene being well mixed with a gallon of the suds. Where the tree is large it would be better to spray with lime-sulphur solution in the proportion of one-part solution to ten parts of water. Two or three applications at intervals of one month should entirely cleanse the tree of the pest.

Sickly Begonias.—When Begonias, either fibrous or tuberous-rooted, seem stunted in growth and the leaves turn yellow and die, it is mostly because of unsuitable soil and insufficient drainage. As soon as the plants appear sickly stir some fresh-slacked lime into the surface soil, water thoroughly with water as warm as the hand will bear, and afterward water sparingly until the plants begin to indicate an improved condition, when water may be more freely applied.

SEEDS OF SHRUBS are very often tardy in starting. Those of Althea, Syringa, Spirea, Calycanthus, Cydonia, Philadelphia, Amorpha and Rhus Cotinus will mostly germinate promptly or within two or three months after sowing, if the seeds have not deteriorated by long keeping before planting. Such seeds as Magnolia, Hyacinth Tree, Rhododendron, Viburnum, Sambucus and many others will lie dormant in the ground for from one to three years before sprouting. It is well to sow these seeds in autumn, covering twice the depth of their thickness, then mulching the bed well with leaves, which should be permitted to stay on until spring, when a portion of the seeds will be likely to germinate.

The raising of shrubs from seeds, as well as a number of the herbaceous perennials, such as Pæony, Adlumia and Hardy Primrose seeds are all uncertain as to the time of germination. Many seeds that are tardy in starting can be hastened by soaking them in water for several days. Indeed, some seeds may be soaked with benefit for several weeks. Ofttimes seeds that are condemned will germinate well if soaked in water for a prolonged period, then planted in the sandy soil.

Resetting Pæonies.—The best time to reset Pæonies is in August or September, heeling the plants in so that they will get established before winter. Such plants will bloom the following season if the roots are strong enough to develop a vigorous top.

Gladiolus Bulblets.—When lifting Gladiolus many bulblets will be found near the bulbs, and if these are kept until spring, then the outer shell chipped and the bulblets planted about one-half inch deep, a great many of them will grow and become blooming bulbs.

Planting Tulip Seeds.—It is advisable to plant Tulip seeds as soon as they are ripe and slightly dry. Sow in rows, and give the same attention that you would in raising Zinnias from seeds. When autumn comes cover the bed with strawy manure, which should be removed early in spring.

Rubber Plant.—When the leaves of a Rubber plant begin to turn yellow and brown it is mostly because of injury to the roots by insufficient drainage, or by applying a fertilizer that is too strong or not congenial to its growth. The plants like plenty of sunshine and a porous, sandy, well-drained soil.

Crinum Ornatum.—When this bulb fails to bloom and is found deep in the ground, lift the clump, divide it, and set each bulb separately, permitting the neck to protrude above the soil. The bulb should not be more than five inches in the earth. When Crinums are not reset and the bulbs become deep in the ground, they will fail to bloom. Other Crinums should be treated in the same manner.

BRINGING SUMMER INTO WINTER.

IF YOU WOULD turn the season of snow and cold into suggestions of greenness and freshness, have about you some woodsiness carried over from out-of-door times. Make yourself a fernery, using any of the smaller Ferns—Maiden Hair, Christmas, "the Happy Woman," "the Rock"—planting them in a case prepared for drainage and filled as nearly as possible with the soil in which they grew. Let their roots be undisturbed in the earth about them when they are taken up.

Gather, also, roots of the Trailing Arbutus, Violets, Hepatica, Adder's Tongue and Saxifrage, all of which blossom in a fernery. The Arbutus and Violets blossom between Christmas and New Year's, but the Arbutus are mostly white, and the Violets much paler than those out-of-doors. Hepaticas do not bloom until they have lived nearly a year in the case. Adder's Tongue, Saxifrage and Partridge Vine follow the course natural to them out-of-doors.

After each variety blooms it goes to seed, and new plants come up in the following year. The Ferns remain green until the hooded fronds appear in Spring, and as these grow the old wither. Some persons tell you wild Ferns will not live in the house. That is only a half truth. There is a fernery in the writer's family which was started 20 years ago. Descendants of the first Ferns and in-the-woods blooming plants are growing there now. To them, as space was found, have been added others, and new earth with them.

Woods plants will not live in the house if planted in a pot which soon dries the earth, and kept uncovered, but if placed in almost any receptacle and covered with a glass globe or case, kept out of sunshine, and left to themselves most of the time, they will thrive as well as if they were out-of-doors. The glass will show drops of water, which return at night to the ground like dew.

There is nothing of plant kind so easily cared for as a fernery under glass. An ideal position for it is in a north room, where it gets light without sunshine. The glass protects from the heat of a room, but when much moisture covers the glass top and sides, the lid should be raised for an hour or two, this to happen not oftener than once a week. If the glass is covered with drops daily, the room is too hot for Ferns, but a little moisture would not be amiss. The fernery should be so placed as to light and heat that sprinkling freely once a month gives water enough.

You can have all the delight of seeing spring's children awake in the woods, if you start your fernery in late summer or early fall. How much pleasure it holds you will know only after you have been ill and watch it as you convalesce.

Wilmington, Del.

Mrs. D. Morrell.

[Note.—Sunshine occasionally is of benefit to a fernery, but it should not be so direct and prolonged that the temperature inside becomes hot. A means of ventilation should always be provided, however, in order to insure the healthy growth of the foliage and free blooming of the flowering plants.—Ed.]

SWEET PEAS IN OREGON.

I WANT TO TELL the readers of Park's Magazine how I plant my Sweet Peas. I usually plant them about the middle of October or November 1st. I dig a trench 18 inches deep, mellow the earth in the bottom of it, and mix in plenty of good, rotted manure or bone fertilizer in this mellow earth. Then I make a long tube by rolling a double sheet of newspaper (starting at one corner) just large enough to let the Peas go through easily. I can plant the Peas just where I want them with this little invention, and not get down on my knees or break my back by stooping over.

After I have my seeds all in I procure a bucket of mellow earth and sand mixed, and, with my hand or a trowel, cover them over about an inch deep. If the ground is damp I



do not water; if it is very dry I water lightly, and in a few days I add a little more soil, about two inches. Then I wait until the Peas have begun to peep through the soil, when I add more soil. I repeat this process as often as they come into view. If it gets very cold I may have to cover them with straw or other refuse that is handy, yet they will keep growing under this. Usually I have filled in with soil until the trench is full. As soon as the cold snap is over I take off the litter that I used for protection.

When the warm days come and the frost is gone I begin to water as it is needed. When summer is fairly begun I don't think you can give Sweet Peas too much water. I use all cleanings of fish or fowl, or water in which I wash meat, for fertilizer. It is good for almost any plants, but I am partial to my Sweet Peas.

Sweet Peas planted in this way will bloom very early, and will be better prepared for a hot season. It pays to try it. I could not plant this year until in February; they were very late, yet they did better than I expected—I had more than I could find time to cut.

Try again, Mrs. Robinson. It could not have been the deepness. I have raised Sweet Peas in several states this way, and have always had the very best success. My friends have laughed at me, and said I was crazy to plant them so deep; that I would not get results. Yet I always had Sweet Peas when theirs were dried up, and also much earlier in the season.

Mrs. A. V. Hinze.

Portland, Ore., Sept. 3, 1916.

ABOUT CACTUSES.

WHY NOT begin on a Cactus collection? No class of plants will prove more interesting to the amateur cultivator, and then if you go away on a week-end visit you need not worry about your Cacti,—they will be in good condition when you return, not resenting your lack of care in the least; in fact, more than likely they will be better off, for the truth is more Cactus plants are killed from too much attention than from lack of same. Ask your friends, and read the exchange column in Park's Floral Magazine, and you will soon work up a nice collection. Cactus firms and Cactus literature are extremely scarce, but with Park's you can secure both.

Cacti may be roughly divided into two groups, the hardy sorts found in our Western States, comprising the Echinocactus, Echinocereus, Mamillarias and Opuntias, which withstand much heat and drouth; and then the tender class, comprising the kinds of Cereus, Epiphyllum, Phyllocactus, Pilocereus, etc., which require a little more care in the way of exposure, etc.

dish brown spines, and when watered the body is a beautiful green. A grand plant in every way, and sure to attract attention. Mine has not bloomed as yet. Do not fail to get at least one plant. E. Mulleri is a universal favorite, with rose-pink flowers. Grows quite large and blooms throughout the summer. A perfect gem, and perhaps the best known. These are only a few of these classes, mostly characterized by being more or less globular in shape. The famous Rainbow Cactus belongs here. These plants can be conveniently handled by the collector by being planted 10 to 15 in a single large flat pan, being careful to give good drainage, sandy soil, and keeping the middle higher than the edge. Will stand full sun, and will not require much watering.

The Opuntias are legion, commonly known as Prickly Pear Cactus. They grow in leaf-like joints. All are easily grown, and at least a few should be included. O. basilaris is a dwarf form, all leaves springing from a common base. O. arborescens has round stems and grows tree-like. O. brasiliensis is commonly known as the Tree Cactus, the leaves very glossy and waxy. O. senilis has long hairs, is easily grown, and very attractive. There are many other species, but these will all give satis-



A GROUP OF MANY VARIETIES OF CACTUS.

Both classes are easily cared for, and every amateur cultivator should have at least a few of each class. A start is all that is necessary, as after you become interested you will surely want to add more.

From my experience I would advise the following varieties, not that they are the best, but they are representative and easily cared for, mostly curious and attractive in form, and beautiful in flower:

Echinocactus and Echinocereus. These families are generally confused, and are best taken together. E. Bicolor is a gem, small-growing, egg-shaped, with long spines; a good bloomer; flowers a bright purple. E. Horizontalis, sometimes called the "Nigger-head" Cactus, which wants very little water. Flowers a bright pink, coming out of the plant. This Cactus is not at all hard to handle, and should be in every collection. E. Setispinus is easily grown, and a good bloomer, with yellow flowers. E. Texensis is a low cushioned plant, which in time grows quite large. It is an excellent kind. E. Wislizenii is the famous Fish hook Cactus, also known as the Barrel Cactus. They have strong red-

faction to the average grower. All will stand considerable water in the summer season, and in time stakes to each plant will be good policy.

The Mamillarias are all good. Mostly small, they are better when grown in groups, as they are more easily cared for. M. Grahamii is good; has small hairy spines with long black spines standing out over the plant, which do not prick as they are hooked at the end. I have not yet had much experience with this class, and therefore do not like to name special varieties. I hope to write more about them in the future. Perhaps someone who has grown them extensively will write more fully. The Button Cactus belongs to this class.

Cereus. So far I have raised five of this genus. C. flagelliformis is the Rat-tail Cactus, trailing. It blooms all summer and is very attractive. It is easily grafted on Cereus Colubrinus, which is about an inch in diameter, spiny all around, and grows very quickly, tall and stately. C. grandiflorus is the true Night-blooming Cereus, although many people call almost any night-blooming Cactus a Cereus. The true variety has stems the size of a lead pencil; very rapid grower, and needs a trellis.

C. McDonald is a hybrid of this, and is of much stouter growth, losing all its spines when older. C. Jamacaru is a blue-green. Mine is cross-shaped four-cornered, the grooves running back to the center of the plant. So far it has not bloomed. *Cereus triangularis* is triangular, a strong grower, and sends out air roots very freely. All of these should be kept in half shade during the hottest weather.

Epiphyllum. This is best known as the Christmas or Crab Cactus. Most plant lovers have at least one plant of this variety. What is not so well known, however, is that there is a variety that blooms at Thanksgiving, and another that blooms at Easter. Maybe some cultivator who has all three forms will come forward and offer us some slips in exchange. These plants are very pretty grafted on *Pereskia* stock. Graft about a foot high.

Phyllocactus. This is perhaps the best in the Cactus family. It has large, leaf-like, spineless divisions. They are now hybridizing this family, and it is possible to secure plants through all shades from straw-color, pinks, reds, to deep purplish. They bloom mostly in June, and like a richer soil than most Cactuses. These should be very popular if they were more easily obtained. *P. latifrons* is the far-famed "Night-blooming Queen Cactus," so often referred to as a night-blooming *Cereus*. It is, perhaps, the most splendid of all Cacti in flower. There are no spines whatever on the species of *Phyllocactus* and *Epiphyllum*. These two need some shade in the summer; and keep them growing, giving water as needed.

Pilocereus. This is best represented by the famous "Old Man" Cactus, which is getting very rare. This Cactus likes its hair washed occasionally, also more water than most during the summer season.

Pereskia. This is the only Cactus with a true leaf. A very rapid succulent-like plant with thick, leathery leaves of glossy green; a very good pot plant. On this as a stock graft your Christmas Cactus. Simply cut off the top of the *Pereskia*, split it, insert a cutting of the Christmas Cactus, bind with raffia, and it will proceed to grow northward. Naturally all suckers of the *Pereskia* must be kept pinched off.

There are many other divisions of the Cactus family, but I tried to give you my own experience to get you started, and you can add as you go along. There is so much confusion among various kinds that many are scarcely known. When you receive Cactus plants they are mostly without name, and it is sometimes quite a while before you can come to any kind of conclusion as to the name.

I hope these notes will start some of our flower-lovers to look into the Cactus family and start at least a few collections, for nothing is more interesting. Be sure to keep all Cactus plants dry over winter, in a semi-dormant condition.

Floyd Co., Ind.

G. P.

Cineraria.—With me seedling plants of *Cineraria* are as easily grown as a Balsam. The seeds germinate very quickly, and the plants grow well. They are never troubled with the insects so many complain of. I grow them on the north side of the house in full light, but out of the sunshine, and keep them well watered. I had one of a shade of royal purple I have never seen approached in other plants. It looked like velvet, so soft and thick were the petals. The season of bloom was long, too.

Mary Pontius.

Swan, Tex.

ABOUT MY GARDEN.

MR. EDITOR:—The true flower-lover need never feel discouraged or lonely, even if one lives all alone, as I do; as a flower garden is always full of interest, even in winter, for that is the ideal time to study the flower or seed books, and plan for the coming season. I have found Park's Floral Magazine one of the best guides. It describes the flowers of the seeds offered for sale, thus enabling one to make a good choice, as we do not know all of the flowers by name, and often feel disappointed when the plant blooms. The Magazine also discusses diseases of plants, and gives remedies, or rather suggests remedies that prove to be successful.

I bought a named assorted collection of *Gladiolus* last spring that proved very satisfactory. There is always joy in anticipation, and in the variety and beauty of the *Gladioli* purchased, my hopes were more than realized, as every spike of bloom was a sort of surprise, eagerly looked for and gladly welcomed. A beautiful scarlet lined with white, dainty yellow with narrow red lines, salmon pink, rich red, dark purple that was exclaimed over as a wonder; another nearly all white, something like *Meadowvale*, but the flowers set closer on the stem and having the proud, erect bearing of a royal prince. Every garden should have a bed of *Gladiolus*. The spikes of bloom are beautiful, lasting fully a week when picked, and practically taking care of themselves when planted right.

My collection of Tuberous *Begonias* have now begun to bloom. The flowers are beautiful, and if I had bought them early and got them started they would have been beautiful all summer. Buy them early. Be careful not to cover the crowns, and you will rejoice in them, for they are beautiful plants, requiring little care if they are well started. I have a good-sized garden, and have now in bloom *Verbenas*, *Lady Slippers*, *Poppies*, *Hardy Phlox*, *Hollyhocks*, *Snapdragons*, *Butterfly Flowers*, *Coxcombs*, *Zinnias*, *Gourds* in bloom and some fruit set, covering one side of a rustic arbor, together with *Morning Glory* vines, both together looking very attractive. The *Boltonia* is just coming into bloom. *Cosmos* is not very successful with me; perhaps I do not know how to treat it, but I have a few flowers. I also have *Larkspurs*, *Petunias*, *Asters*, *Hardy Gailardia*, *Coreopsis*, *Sunflowers*, *Salvia*, and *Hardy Feverfew*. By the way, can one raise the pretty Double *Feverfew* from seeds? I have also *Geraniums*—Sweet Scented—and *Fish Geraniums*, *Heliotrope*, *Lemon Verbenas* and *Sweet Alyssum*. I love all sorts of flowers, and never tire of cultivating them and studying about them. I wish I knew just how to get two blooms where one grew before.

Essex, Ct., Sept. 8, 1916. M. P. Champion.

[Note.—Plants of Double *Feverfew* are easily grown from seeds. The seeds are catalogued under the name of *Matricaria capensis* fl. pl., and cost 5 cents per packet. Once started in a garden a supply of *Feverfew* plants is kept up afterward from self-sown seeds.—Ed.]



OCTOBER.

Flowers and fruit and glowing leaves,
 Grass with dews of nightfall wet,
 Every day a gold crown weaves,
 With a row of rubies set;
 And the benison of autumn
 Shows that God remembers yet,
 And the richest gifts of autumn
 Prove he never will forget.

Census Point, W. Va.

Dan Sweeney.

THE COUNTRY TELEPHONE.

Oh, the age it is progressing, don't you know!
 Yes, indeed, the people all will tell you so;
 Not the city folks alone, but the country people own
 Many blessings which they didn't years ago
 And now their mail they see, every day by R. F. D.
 And they're happy as a king upon his throne;
 But their best and greatest boon, they will not forget
 Was the day they installed the telephone. [it soon,

Chorus:

And now they never tire sending messages o'er the
 [wire,
 To their neighbors or their friends, as they may
 [choose;
 And at each and every ring, to the telephone they
 For it is the way to get the latest news [spring,

Oh, there was a great commotion all about;
 If one didn't like it, they could take it out;
 But they vowed they never would, and they thought
 [they never could,
 For they always meant to keep it without doubt.
 'Tis handy every day, just to hear what people say,
 And they are not afraid the truth to own,
 That oftentimes they shirk just a little of their work,
 If they can listen to the telephone.

But one day a change we bitterly recall;
 'Twas the dreadful telephone to blame for all;
 For about themselves they heard, till their anger it
 [was stirred,
 The receiver then they hung upon the wall;
 The horrid, hateful thing, Oh, how they hate its ring!
 And no longer do they care the thing to own;
 You can take it out the door, for they've use for it no
 They can get along without the telephone. [more.

They have no more desire to send messages o'er the
 And to use the telephone they now refuse; [wire,
 To those who were their friends, no fond "hello"
 [now extends,
 For about themselves they've heard the latest news,
 Wilton, N. H. Nettie A. Perham.

THE LONE BLOSSOM.

In yonder lonely pasture
 A flower smiles a-bloom;
 No hand cares for it fondly,
 None breathe its sweet perfume.
 The vines cling round it closely,
 And its frail form enfold;
 A day it blossoms in silence,
 Then falls upon the mould
 Its mission is accomplished,
 And we can from it glean
 That quickly life may pass,
 Unnoticed and unseen.

Sullivan Co., Ind.

Daisy Riggs.

BRUGMANSIA SUAVEOLENS.

[Note.—Mr. Park: The Brugmansia Suaveolens blooms the year round here in Cuba. It grows 10 to 12 feet high; in fact, it becomes a small tree, with hundreds of blooms weighing the bushes down. After sundown they are heavenly sweet. We have both double and single. Personally I prefer the single-flowered. And of these we have discovered that there are two kinds—one paper-white in color and another more of a cream color, and they are different in fragrance, being Magnolia-scented. We have discarded the paper-white for the cream-colored, though the white flowers are somewhat larger. They are called here Campanas (bells), and also locally "Trompetas de los Angeles" (Angels' Trumpets). In Florida they grow in the open, too. I enclose some verses that may please those who love this sweet flower.]

Campanas, sweet bells and soundless,
 Pure, graceful blooms of white,
 And idly swaying to and fro,
 C'ressed by enamored night.

The sun has set, the day has fled,
 With garlands bright and fair;
 And now a rare perfume is shed
 And lavished on the air.

And so gently is it waited
 From garden's deepest gloom,
 That it steals upon the senses—
 A spicy-winged perfume.

Like spotless and snowy lilies,
 Hanging and gleaming bright—
 Swinging and fragrant censers—
 Through all the tropic night.

Anita Roberta Kirksey.

Arroyo Apolo, Cuba, Aug. 6, 1916.

THE OLD WOODEN ROCKER.

[Sent in by Mrs. Geo. H. Craig, L. I., to whom thanks are due.—Ed.]

There it stands in the corner with back to the wall,
 The old wooden rocker, so stately and tall,
 With naught to disturb it but the duster and broom,
 For no one now uses that back parlor room.

Chorus:

As she sat by the fire, she would rock, rock, rock,
 And listen to the tick of the old brass clock.
 Eighty years she did slumber in that chair grim and
 The old wooden rocker that stands by the wall [tall,

If that chair could but speak, Oh! the tales it could
 How dear, aged grandpa in fierce battle tell [tell
 It would tell of dark days, and of bright ones beside,
 When dear, aged grandma stood forth as a bride
 This is why we all love it, that old chair grim and tall,
 The old wooden rocker that stands by the wall.

But poor grandma is dead and her stories are done,
 Her children have followed her, all one by one.
 They have all gone to her, in that sweet bye-and-bye,
 And no one is left but dear sister and I.

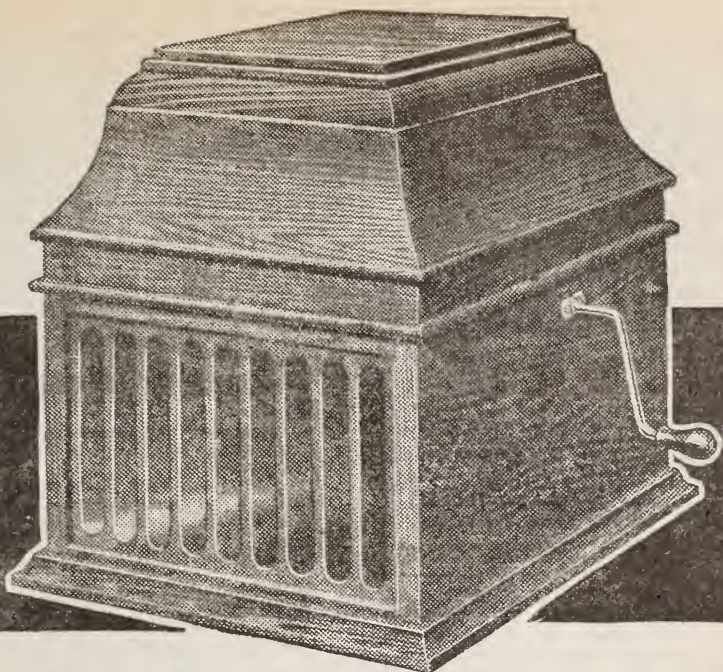
No more will we hide her gold specs or her cap,
 No more will we tease her while taking her nap,
 And no more will she slumber in that chair grim and
 That old wooden rocker that stands by the wall. [tall,

THE BOX TREE.

Our evergreen box stood just six feet tall
 Along the fence near our neighbor's wall;
 And snow lay thick on its dense green leaves,
 A blanket of white that the snowflake weaves.
 The leaves looked dark 'mid the pure white snow
 That glistened clear 'neath the sun's bright glow;
 Then a gentle wind set them lightly swaying,
 As if with the breezes they were playing,
 All swinging and swinging, to and fro,
 Keeping time with the soft wind's steady blow,
 While the snow 'neath the tree lay soft and white
 Where the ends of branches were hidden from sight,
 Thus Nature, fond Nature looks after her fold,
 And tucks in blanket to shield from the cold.

Mechanicsburg, Pa.

L. Myrtle Sours.



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BETTY.

Written by Dorothy Lintner.

Chapter VI.

SEPARATED.

It was raining, but in a large house, in the nursery, sat two pretty girls around a small tea-table. A cake with 12 candles on it, a plate of dainty confections and ice cream were on the table. Who else could it be but June and Betty?

"Well," said June, "next month we will celebrate your birthday this way."

"Yes; isn't it fun?" said Betty. "But I am sorry Richard could not come."

"So am I, but mother needed him."

"Well," said Betty, "you have been up longer than 20 minutes. Hadn't I better have nurse put you in bed?"

"I suppose so; but it does seem awful to be too weak to walk," answered June, looking over her presents.

The nurse soon had June in bed, and Betty sat by her, sewing. June went to sleep, for she was still very weak.

When June was hurt Betty would have it no other way but to have June in her home while she was ill. June's mother knew she would receive better care than at home. June had fractured her leg and received many cuts and bruises.



June had been sleeping for some time when the bedroom door opened and their physician, Dr. Wellington, entered.

Betty held up her finger to be quiet, but he told her to come. She went with him to the library, and when they were seated the doctor said, in a gentle voice: "Betty, your friend is more ill than you realize."

"Oh, but she improves every day!" answered Betty, not taking his statement seriously.

"No, my child, she does not," answered the doctor.

"Oh! do you mean she is worse?"

"Well, yes," he answered. "if you wish to state it that way."

Betty started to cry, but the doctor took her hands in his.

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"Now, dear, calm yourself; and do you wish to hear what your father and I have decided?" asked the good man.

"Yes, sir," answered Betty, drying her tears.

"Well," he continued, "what June needs is a different climate, so your father is going to send June, her mother and brother to Colorado, and I know that in a year or so she will be a perfect picture of health."

"Oh, if I could only go with them!" sighed Betty.

"I suggested that to your parents, but they objected because of your schooling."

Betty did not answer, but the doctor asked: "How old are you?"

"I will be 13 next month," Betty answered.

"And your friend is—"

"She is 12 today," finished Betty.

"Well, my lass," said the good man, "be brave, and don't mention it to your friend."

"I'll try," answered Betty, as she left the room.

Two weeks have passed, and we find every member of the house busy. Betty was helping Mrs. Conklin pack June's trunk; Richard was packing his own. Mrs. Lee was talking with June. Betty's mother was doing a little of everything, while June sat in bed overseeing it all.

The two weeks had been spent in getting prepared for the journey, and the next day they were to go.

At last the day came for them to go. Betty and June were laughing or crying over the talk of their future. When at last the carriage came, June turned to Betty in tears and said: "Betty, we have not been friends long, but, oh, how I shall miss you!"

When the good-bys were said and the carriage gone out of sight, Betty ran up to her room, locked her door, and looked steadily at a picture of June. "Oh, June, I know you can soon return to me!"

When Betty retired that night, she thought of the happy times she had had. Now she must find another playmate. But sleep soon overtook her. She then drifted to the land of dreams.

[To be continued.]

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Babiana, mixed, fine pot plants, easily grown, per doz. 25 cents, each 3 cents.
Bulbocodium vernum, hardy early spring flower, per doz. 50c, each 5 cents.
Calla Lily, white, fine tubers, sure to bloom, per doz. \$1.50, each 15 cents.
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Iris Florentina, white, blue, purple, separate, per doz. 50 cents, each 5 cents.
Iris Germanica, mixed per doz. 50c., each 5c.
Iris Kämpferi, splendid mixed varieties ea. 5c.
Iris Pavonia, Peacock Iris, doz. \$1.25, ea. 12c.
Lachenalia quadricolor, a fine pot bulb for winter-blooming, sure to bloom, each 10 cents.
Leucojum Vernum, the lovely spring Snow-flake, per doz. 50 cents, each 5 cents.
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Lilium Schrymakersi, carmine, each 25 cents.
Lilium speciosum rubrum, each 20 cents.
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- 1 **Muscari Botryoides alba**, the rare and charming white Grape Hyacinth; a beautiful early spring flower. Price 5 cents.

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- 3 **Narcissus biflorus**, a superb Narcissus; large, single white flowers in pairs; splendid. The 3 bulbs 10 cents.
- 1 **Iris Florentina alba**, a glorious Fleur-de-Lis, grows a foot high, bearing great pearly white, fragrant flowers in May. Price 5 cents.

THIS ENTIRE COLLECTION, retail value 50 cents, will be mailed for 25 cents, or five collections, 60 bulbs, for \$1.00. You can find no bulbs more suitable for cemetery planting than these. Order early, as the Lily should be planted at once.

Address **GEO. W. PARK, La Park, Pa.**

The Finest Polyanthus Narcissus.

The finest of all Narcissus for house culture are the Polyanthus varieties. The bulbs are sure to bloom well in winter even under unfavorable conditions, and every window gardener should grow them. I offer the three best, most distinct sorts, and the bulbs are large, sound and reliable. If you want to be sure of a fine display of beautiful and fragrant flowers the coming winter, do not fail to order a collection or more of these splendid bulbs. Price 5 cents each, or the three bulbs for 10 cents, three collections (nine bulbs) only 25 cents, mailed.

Grand Monarque, pure white with citron cup; large and beautiful, borne in splendid trusses.
Gloriosa, soft white with dark, bright orange cup; very fine trusses.

Grand Soliel d' Or, beautiful golden yellow flowers in large trusses. This is the true Golden Sacred Lily. The flowers are entirely yellow and produced in big trusses; very fragrant.

For winter-blooming treat these as you would Hyacinth bulbs. In the South they do well bedded out. They often do well even in Pennsylvania when bedded out.

New Rembrandt Tulips.

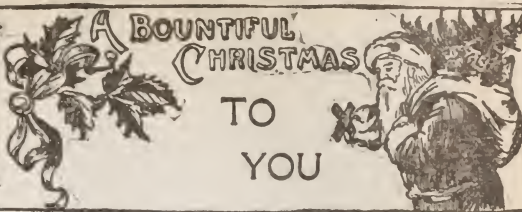
I WISH to call the special attention of my friends to an entirely new race of Tulips named after the famous Dutch artist, Rembrandt. All are distinctly variegated, and come in fancy rainbow colors, as the descriptions will indicate. I offer the finest named sorts in all the colors, and those who buy and plant of these Tulips will have something new and choice, that will be a revelation to themselves and friends. Price 5 cents each, or 30 cents for a full collection of 10 bulbs.

Apollo, rosy lilac and white, striped carmine.
Beatrice, rose and white, flamed carmine.
Centenaire, carmine, rose and white, flamed violet.
Esopus, red, striped and flamed.
Hebe, white and lilac, striped maroon.

Le Printemps, lilac and white, flamed scarlet.
Medea, lilac and white, flamed purple.
Titania, lilac, rose and white, marked red.
Vesta, lilac, feathered bright red.
Zenobia, amaranth and white, striped glowing maroon.

These new Tulips are single, late-flowering, perfectly hardy, last for years, and make a gorgeous bed. I can supply them in quantity at \$2.90 per hundred, an equal number of each of the ten varieties. Be the first in your neighborhood to get and grow these glorious Tulips. They are sensational, and must soon become popular. Address

GEO. W. PARK, La Park, Lanc. Co., Pa.



WIN A PRIZE CHRISTMAS OUTFIT FREE

9 23-1-14-20 1-14
1-21-20-15-13-15-2-9-12-5

THE first figure of the above two lines is a word; the next four figures spell a word; the next two figures spell a word; the last ten spell another word. These four words form a sentence which will interest you. This most interesting puzzle can be solved with a little study as follows. There are twenty-six letters in the alphabet and we have used figures in spelling the four words instead of letters. Letter A is number 1, B number 2, C number 3, etc., throughout the alphabet. IF YOU CAN SPELL OUT THESE FOUR WORDS WE WILL SEND YOU A SURPRISE OUTFIT CONTAINING A BEAUTIFUL ASSORTMENT OF 39 CHRISTMAS SEALS, TAGS, STICKERS, POST CARDS, ETC., ALL EMBOSSED IN COLORS AND BEAUTIFUL EXAMPLES OF THE LATEST CHRISTMAS DESIGNS, also a copy of a New York Magazine. All you have to do is to enclose with your answer 2 two-cent stamps to cover cost of packing, mailing, etc. Try and make out the four words. ACT QUICKLY. Write the four words on a slip of paper, mail it immediately with your name and address and 4 cents in stamps. And you will promptly receive as your reward this SURPRISE PACKET, which is a handsome assortment of 39 SEALS, TAGS, STICKERS, POST CARDS, etc., enough for all your Christmas packages. Answer at once. Address

M. E. Crofton, Mgr, 615 W. 43d St., Dept. 26, New York

CORRESPONDENCE.

From Illinois.—Mr. Park: I live on a farm in southern Illinois, and have read your Floral Magazine for many years. There are numerous wild flowers here, but they are becoming scarcer every year, and they will soon disappear entirely. Farmers plow up new soil every year and destroy all the wild plants, and the cattle are becoming more numerous and graze upon them in the pasture. Miss Jeanette Hills.

Columbia, Ill., May 19, 1916.

From Oklahoma.—Mr. Park: I think every Christian who loves God loves His flowers, for they are painted by His own hands; and the birds that come to us in the spring are sent to cheer our lonely hearts, and help us to wake up to action. And we should distribute our flowers among the sick and among our neighbors, and let them exert their good influence everywhere. Tipton, Okla. Mrs. Annie Morris.

From Iowa.—Mr. Park: I am a member of your floral family, and enjoy the Magazine very much. I especially appreciate the beautiful poems that appear each month, and also the editor's letters, and those of Mrs. Murray, Mrs. Hawthorne and others. My favorite living writers are James Whitcomb Reilly, Harriet Prescott Spofford, and J. L. Harbour. Harbour is a native of Iowa, but has lived in the East for some time. Mrs. Florence Wilson.

Pulaski, Ia., June 12, 1916.

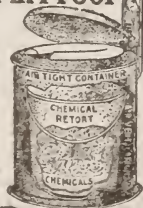
Comfort Indoor Closet Odorless Sanitary Germ-Proof

Every home without sewerage needs one. Most convenient, meritorious home necessity in a century. A boon to sick people. Can be placed anywhere in house.

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to sell at 10c per pkg. When sold send
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PEERLESS WATCH CO., DEPT. 515 CHICAGO, ILL.

MISSOURI LANDS.

SMALL MISSOURI FARM. \$10.00 cash and \$5.00 monthly; no interest or taxes; highly productive land; close to 3 big markets; write for photographs and full information. Munger, B-146, N. Y. Life Bldg., Kansas City, Mo.

HELP WANTED.

THOUSANDS MEN-WOMEN WANTED. Government Jobs. \$75.00 month. Write immediately for list positions obtainable. Franklin Institute, Dept. P-34, Rochester, N. Y.

NEWS CORRESPONDENTS.

EARN \$25 WEEKLY, spare time, writing for newspapers, magazines. Experience unnecessary; details free. Press Syndicate, 1012, St. Louis, Mo.

HELP WANTED, FEMALE.

LADIES TO SEW at home for a large Phila. firm. good pay; nice work; no canvassing. Send stamped envelope for prices paid. Universal Co., Dept. 49, Walnut St., Philadelphia, Pa.

AGENTS WANTED.

AGENTS to travel by automobile to introduce our 250 fast selling, popular priced household necessities. The greatest line on earth. Make \$10 a day. Complete outfit and automobile furnished free to workers. Write today for exclusive territory. American Products Co., 985 3rd St., Cincinnati, O.

LADIES EARN big money taking orders for Dr. Sawyer's Remedies. Established 33 years. The Sawyer Squaw Root Co., 177 N. State St., Dept. 4, Chicago, Ill.

MOTION PICTURE PLAYS.

WRITE PHOTOPLAYS, Short Stories, Poems; \$100 each. No correspondence course. Details free. Atlas Publishing Co., 412, Cincinnati.

ELECTRIC GOODS.

Here's a Sure Money-Making Proposition Big profit selling Dr. Scott's Magnetic Corset. Relieves backache. The field is yours (not sold in stores). Exclusive territory given. Write for catalog of specialties. Liberal proposition. Est. 1878. FREE—sample cake of soap. **FALL MALL ELECTRIC CO., 128 W. 84 St., N. Y.**

Select your plants from the big list in last month's Magazine. It was crowded out this month.

PICK THEM OUT.

1 Plant 10 Cents, 5 Plants 25 Cents, 11 Plants 50 Cents, 23 Plants \$1.00, 47 Plants \$2.00, 72 Plants \$3.00, all by mail, prepaid, satisfaction guaranteed.

I OFFER a splendid collection of choice Plants, Shrubs and Trees this month. Some are for the window garden, and the rest for outdoor planting. All are in fine condition, and I guarantee them to reach you safely and prove satisfactory. To keep the price uniform many rare and valuable plants are listed which could not be purchased elsewhere at four or five times what I ask. Until the latter part of the month I can supply everything listed, as I do not list anything I do not have; later a few plants may be substituted. I hope all my friends will give me at least a small order this month. If possible see your friends and make up a club. I shall appreciate your orders.

Rare Free Gift Plants.

For every dollar's worth of plants ordered you may select one of the following splendid Gift Collections or Plants:

1 Plant Spirea, Queen Alexandra. the new, elegant, hardy herbaceous Spirea; bears big fluffy heads of pink bloom; very beautiful.

1 Plant of the new Japanese Golden Day Lily; like a grand golden Amaryllis; blooms for a month; fine for cut flowers. Value 25 cents. Or 5 Iris Kämpferi, or 5 Iris Siberica, mixed colors.

3 Roots (1-eyed) of Superb Chinese Paony; finest double flowers, elegant colors. Value 25 cents.

The plants offered are all well-rooted and in good condition. The list will be changed each month, but there will be no lower prices this season. These are bed-rock prices. Prices may advance later.

Special Bargain Offer—I will pack and deliver at express office here 100 fine plants (one plant of a kind) for only \$3.00. Why not make up a club order and get 100 plants by express, as the express rates on plants have been greatly reduced since we have parcel post.

TO CALIFORNIA, MONTANA, FLORIDA AND ARIZONA.—I deeply regret that no more Plants, Shrubs and Trees can be sent to these States. The New Inspection Laws adopted by these States, causing delay, extra cost and injury to tender plants is the cause. Seeds, bulbs and tubers can be mailed, but no plants.



JAPANESE GOLDEN DAY LILY.

Giant Darwin Tulips.

I can supply this season the Giant Darwin Tulip, Nauticus, growing two and one-half feet high, and bearing an immense flower, silky, purplish rose with dark brown center, shaded bronze. These Giant Tulips bloom late in the season. The bulbs are hardy, lasting for many years when once planted. Price \$2.00 per hundred, delivered at the express office here, 30 cents per dozen, or three bulbs for 10 cents.

CROWN IMPERIAL.

This is a beautiful hardy early spring flower, and when once established in the garden will last for generations, taking care of itself. It grows 18 inches high, and the strong scape bears a whorl of large, drooping bright bells, surmounted by a tuft of bright green leaves. Now is the time to plant. 15 cts. each, 3 for 40 cts.

CHINESE PAEONIES.

I can still supply these splendid hardy flower-roots, as offered last month, 25 roots \$1.00, by mail, or 100 expressed for \$2.75, 1000 roots \$25.00, not prepaid. Order this month. See Sept. advt.

25 HARDY BULBS 25 CENTS.

Last month I offered 25 hardy bulbs, different kinds, for 25 cents, or five lots, 125 bulbs, for \$1.00. I can supply these as offered last month, on page preceding 2nd title page. Order now.

CHOICE BERMUDA BULBS.

Bermuda Easter Lily, fine bulbs, 7 to 9 inches in circumference, 15 cents each, \$1.50 per dozen. Selected bulbs 20 cts. each, \$2 per doz.

Freelias, fine winter-blooming bulbs; flowers in clusters, white, tubular, very sweet scented. 3 cts. each, 25 cts. per dozen, big bulbs.

Zephyranthes, rose, and also white; allied to Amaryllis. Pot for winter-blooming. 5 cents each, 50 cents per dozen.

Buttercup Oxalis, a lovely pot plant for winter-blooming; golden flowers in clusters, 5 cents each, 50 cents per dozen. Order this month. Address

GEO. W. PARK, La Park, Pa.

SICK WOMEN

who suffer from Female Trouble can easily overcome such conditions at home. Send for

FREE TEN DAYS' TREATMENT

Mary Bateman Co., Dept. 33, Covington, Ky.

STRICTURE Treatment Guaranteed

If suffering with Stricture, enlarged prostate, difficulty to retain or pass water, you will get immediate, entire and permanent relief by using

SKEEN'S PAINLESS REMEDY

NO CUTTING, DILATING OR DRUGGING

Use treatment 60 days. If not fully satisfied, I will return your money without complaint. No chance for you to lose a penny. My booklet, "AN HONEST TALK," with GUARANTEE, sent free—will open your eyes and convince you. Write at once, D. A. Skeen, P. O. Box 356C, Cincinnati, O.

MY EXPERIENCE WITH TOBACCO.

Dear Mr. Park:—I was only eight years old when I got my first taste of tobacco. I was living in California, going to a country school, and in the first grade. Several of the older boys had just returned from the mountains, and they had brought back some gum, which I liked very much and was continually chewing.

One day a boy about 15 years old came up and asked me if I chewed tobacco, and I said "no." Then he pulled a large plug out of his pocket, and said it was pressed Mountain Gum. Now, as I did not know a piece of tobacco when I saw it, I took a chew. He told me if I swallowed the juice it would make me sick, but not knowing how to keep from it, I swallowed some, and it made me so deathly sick I was unable to stand up long enough to recite my lessons. This same boy a few days later persuaded me to take a few draws from a cigarette he had, but I became too dizzy to continue.

When I told my mother she gave me a good talking to, and wrote a note to the teacher, who kept the boys all in after school, and relieved them of all the tobacco they had with them, and the next day they were all mad at me.

I never used tobacco again until about four years later. My mother married again and moved to Texas, and the man she married had a boy 14 years old who used tobacco, on the sly of course, for he knew it was wrong. But he told me that, as all men used tobacco, I would not be a man until I learned to use it too, and so I made the awful mistake that lots of boys do, and began to smoke cigarettes whenever I had the chance. This boy smoked cigars, too, but they were too strong for me, and made me too dizzy.

But I had only indulged in that habit about a week when the watchful eyes of my mother detected the odor on my fingers and breath. Of

course I had to tell her who sold the cigarettes to me, and as it was against the law, she preferred charges against the man, and he was compelled to pay a heavy fine. It broke him up in business, and he had to sell out. Shortly after his mother died, and now he is left alone.

After my mother rescued me from that habit a second time I promised her faithfully that I would never use it in any form as long as I live, for she told me that it would shorten my mind, dull my brain, stunt my growth, and shorten my life. I am sure these are reasons enough for any sensible boy to let it alone.

I am 15 years old now, and am very thankful that I did not use it long enough for it to become a habit, for then I would have been a slave to it, as three-fourths of the men are.

I am rather young to give advice, but I want to send out a warning to other boys, if they want to grow up into strong, healthy, clean men, with a long life before them: be absolute master of yourself instead of a slave.

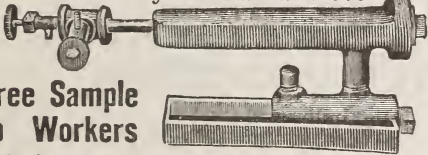
M. N. Wilcox.

Waco, Tex., July 20, 1916.

[Note.—I once heard it stated upon the lecture platform (and it has not been denied) that President McKinley, who was an excellent Christian man in many ways, lost his life by having a "tobacco heart," that he would have survived the wound made by his assassin, had he not been a slave to tobacco, and had his system filled with nicotine poison. The statement is also believed that the life of General Grant was shortened by smoker's cancer, which developed in his throat from the excessive use of tobacco. Both of these great men might have been with us today, had it not been for the ruinous effects of the tobacco habit. Dear little boys, never begin it. Touch not, taste not, handle not. If you do you will become a nuisance to your friends because of the foul odor of your breath and clothing, and be irreparably injured mentally, morally, socially and physically by the effect of the poison upon your system.—Ed.]

AGENTS—KEROSENE (COAL OIL) BURNER

Makes Any Stove a Gas Stove

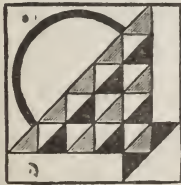


Free Sample to Workers

Makes its own gas from Kerosene (coal oil). Gives every home a gas stove. Absolutely safe. Cheapest fuel known. Cooks a meal for 1 cent. Agents just coining money. Women wild about it. No more overheated kitchens. No more danger from gasoline. **Safe, Clean, Odorless, Cheap**

Every home a prospect. Low price makes quick sales. Easy to carry and demonstrate. Big profits. Your territory is open. Write today. Thomas Burner Co., 2650 Gay St., Dayton, Ohio

Best Fancy Work Hand-books



five sets for 60c. Send money order or silver, no stamps. LADIES' ART CO., Block 3. ST. LOUIS, MO.

Written by Deaconess. Large print, plain instructions, beautiful illustrations: no better books published. The following are now ready:

Book of Quilt Patterns, 450 des.
Book of Cross Stitch Designs,
Practical Crochet Book, No. 1,
Practical Tatting Book, No. 1,
Gen'l & Perf. Pat. Catal's 60 pps.

Any one of above books mailed for 15c., any two for 25c., any three for 40c., any four for 50c., or the

You Can Win a Gift

Each square here represents a letter—but figures are used instead of letters. There are 26 letters in the alphabet. Letter A is 1, B is 2, C is 3, etc. The four squares make four letters and spell two words which will interest you mightily. If you make out the words send them with a 2c stamp to cover postage—agree to show my offer and mds. to your friends and I will send you a handsome Gift Package. Send 2c stamp quick.

THE GIFT MAN, 207 New Ideas Bldg., Philadelphia, Pa.



OUR DIRECT FACTORY TO HOME plan saves you money.

WE PAY THE FREIGHT and ship to you any piano or player piano you select from our catalog.

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Special offer—Easy Lessons Free—Piano, Organ, Violin, Banjo, Mandolin, Cornet, Guitar, Harp, Cello, Piccolo, Clarinet, Trombone, Flute, or to sing. Thousands now learning by free weekly lessons paying only for music and postage—which is small. No extras. You can learn by note. Beginners or advanced pupils. Everything illustrated, plain, simple, systematic. Free lectures each course. 16 years' success. Start at once. Send your name and get free booklet by return mail. Address
U. S. School of Music, Box 61, 225 5th Ave., N. Y. City

\$10 A DAY gathering evergreens, roots and herbs. 10c brings book and war prices. Particulars free.
BOTANICAL-Y, New Haven, Conn.

ALL OF THESE FREE

This lovely Gold plated stone-set Pendant and 18-in. Neck Chain and this handsomely designed stone-set Bracelet which opens to fit wrist and these 3 valuable Gold plated Rings, also this fine pair of sparkling Pierceless Ear Drops
ALL GIVEN FREE for selling only 12 pieces of Jewelry at 10 cents each. We trust you and take back all not sold.
L. V. DALE MFG. CO.
Providence, R. I.



YOU HAVE A BEAUTIFUL FACE

BUT YOUR NOSE?



BEFORE



AFTER



IN THIS DAY AND AGE attention to your appearance is an absolute necessity if you expect to make the most out of life. Not only should you wish to appear as attractive as possible, for your own self-satisfaction, which is alone well worth your efforts, but you will find the world in general judging you greatly, if not wholly, by your "looks," therefore it pays to "look your best" at all times. Permit no one to see you

looking otherwise; it will injure your welfare! Upon the impression you constantly make rests the failure or success of your life. Which is to be your ultimate destiny? My new **Nose-Shaper**, "TRADOS" (Model 22) corrects now ill-shaped noses without operation, quickly, safely and permanently. Is pleasant and does not interfere with one's daily occupation, being worn at night.

Write today for free booklet, which tells you how to correct ill-shaped noses without cost if not satisfactory.
M. TRILETY, Face Specialist, 633 Ackerman Bldg., Binghamton, N. Y.

Tulips in Quantity.

IF YOU want my splendid mixture of Single Early Tulips in quantity, please avail yourself of the following special prices, the bulbs sent by express, purchaser paying express charges. As these have lately been greatly reduced they will not add much to the expense. My prices are lower than ever before, owing to the pressure of war times in Europe.

500 splendid mixed Tulips	\$2.60	3000 splendid mixed Tulips	\$14.00
1000 " " "	5.00	10,000 " " "	43.00
2000 " " "	9.75	25,000 " " "	105.00

My mixture is specially prepared and cannot be surpassed. It embraces all colors from white to crimson, also yellow and purple, and many show lovely variegations. Each bulb will produce a fine flower that will last for many days, either in the garden or when cut for house decoration. I guarantee these bulbs to please you. Order by the thousand and plant a big bed.

P. S.—These splendid Tulips are a big bargain when we consider the greatly advanced freight rates, tariff revenue, and extra cost in wrapping, packing, etc. Order this month. The bulbs I hope to have ready to ship by October 1st. All are imported.

GEO. W. PARK, La Park, Pa.

BULBS FOR WINTER-BLOOMING.

Get the following indispensable winter-blooming bulbs and start them this month. After potting them water, place in a dark closet to root, then bring to the window as wanted, when they will shortly bloom.



Chinese Sacred Lilies, fine imported bulbs, doz. \$1.10, each 10 cents.
giant bulbs, doz. \$2.00, each 18 cents.

Paper White Narcissus, imported from France, doz. 25 cts., each 3 cts.

Double Roman Narcissus, very fine, imported, doz. 25 cts., each 3 cts.

White Roman Hyacinth, bulbs sure to bloom, doz. 50 cts., each 5 cts.

Italian Hyacinths (Roman), Blue, large bulbs, doz. 50 cts., each 5 cts.

Pink, very fine bulbs, doz. 50 cts., each 5 cts.

Lilium Harrisii (Easter Lily), fine bulbs, each 15 cts., selected each 20 cts.

Lilium Candidum (Madonna Lily), for outdoor planting, doz. \$1, each 10c.

Freesia Excelsior, from France, new, giant-flowered, doz. 50 cts., each 5c.

Allium Neapolitanum, white umbels, extra, doz. 50 cts., each 5 cts.

Ornithogalum Arabicum, large white flowers, doz. \$1.25, each 12 cents.

These fine winter-blooming bulbs never fail. They always give satisfaction. Anybody can grow them with the cultural directions that accompany them. They can be mailed promptly, as they are received from the growers earlier than other bulbs. Address

GEO. W. PARK, La Park, Pa.

SURE-BLOOMING WINDOW PLANTS—7 for 25 Cents, 5 Lots \$1.00.

1 **Primrose**, Chinese Fringed, red.

1 **Primrose**, Chinese Fringed, white.

1 **Primrose**, Chinese Fringed, rose.

1 **Primrose**, Chinese Fringed, lilac.

1 **Browallia speciosa**, new large-flowered, a

superb sure-blooming window plant.

1 **Lopesia rosca**, elegant trellis plants always in

bloom in winter.

1 **Eranthemum pulchellum**, rich blue, ele-

gant, never fails.

Order this month. Don't delay. Tell your friends and get up a club. 100 plants expressed not prepaid \$3.00.

Address **GEO. W. PARK, La Park, Lancaster Co., Pa.**

Bargains in Splendid Winter-blooming Primroses, \$3.00 per Hundred

Chinese Primroses. Fine young plants of Fringed Chinese Primrose in splendid varieties, and mixed, 23 plants for \$1.00, or by express, not prepaid, \$3.00 per hundred. These are good, well-grown plants that will make a fine display in the window the coming winter. I have them in six or more colors, and in splendid mixture. They come especially well by express, and it would be well to see your neighbors and make up a club order this month.

Address **GEO. W. PARK, La Park, Pa.**



ow Nuxated Iron helped me to whip Frank Moran

JESS WILLARD TELLS SECRET OF HIS EASY VICTORY. ALSO REVEALS HITHERTO UNTOLD SECRET OF HIS GREAT TRIUMPH OVER JACK JOHNSON: SAYS IRON IS GREATEST OF ALL STRENGTH BUILDERS

Ordinary Nuxated Iron will often increase the strength and endurance of delicate, nervous folks 200 per cent. in two weeks' time.

SPECIAL NOTE.—Dr. E. Sauer, a well-known physician who has studied widely in both this country and Europe, has been specially employed to make a thorough investigation into the real secret of the great strength, power and endurance of Jess Willard, and the marvelous value of nuxated iron as a strength builder.

NEW YORK—Upon being interviewed at his apartment in the Colonial Hotel, Mr. Willard said: "Yes, I have a chemist with me to study the value of different foods and products as to their power to produce great strength and endurance, both of which are so necessary in the prize ring. On his recommendation I have often taken nuxated iron and I have particularly advocated the free use of iron by all those who wish to obtain great physical and mental power. Without it I am sure that I should never have been able to whip Jack Johnson so completely and easily as I did, and while training for my fight with Frank Moran, I regularly took nuxated iron, and I am certain that it was a most important factor in my winning the fight so easily." Continuing Dr. Sauer said: "Mr. Willard's case is only one of hundreds which I could cite from my own personal experience which proves conclusively the astonishing power of nuxated iron to restore strength and vitality even in most complicated chronic conditions."

Not long ago a man came to me who was nearly half a century old, and asked me to give him a preliminary examination for life insurance. I was astonished to find him with the blood pressure of a boy of 20, and as full of vigor, vim and vitality as a young man—in fact, a young man he really was, notwithstanding his age. The secret he said was taking iron—nuxated iron had filled him with renewed life. At 30 he was in bad health; at 46 careworn and nearly all in. Now at 50 a miracle of vitality and his face beaming with the buoyancy of youth. As I have said a hundred times over iron is the greatest of all strength builders. If people would only throw away patent medicines and nauseous concoctions and take simple nuxated iron, I am convinced that the lives of thousands of persons might be saved who now die every year from pneumonia, grippe, consumption, kidney, liver and heart trouble, etc. The real and true cause which started their diseases was nothing more or less than a weakened condition brought on by lack of iron in the blood. Iron is absolutely necessary to enable your blood to change food into living tissue. Without it, no matter how much or what you eat, your food merely passes through you without doing you any good. You don't get the strength out of it, and as a consequence you become weak, pale and sickly looking, just like a plant trying to grow in soil deficient in iron. If you are not strong or well, you owe it to yourself to make the following test: See how long you can work, or how far you can walk without becoming tired. Next take two five-grain tablets of ordinary nuxated iron three times per day after meals for two weeks. Then test your strength again and see for yourself how much you have gained. I have seen dozens of nervous, run-down people who were ailing all the while, double their strength and endurance and entirely get rid of all symptoms of dyspepsia, liver and other troubles in from 10 to 14 days' time simply by taking iron in the proper form. And this after they had in some cases been doctoring for months without obtaining any benefit. But don't take the old forms of reduced iron, iron acetate or tincture of iron simply to save a few cents. You must take iron in a form that can be easily absorbed and assimilated like nuxated iron if you want it to do you any good, otherwise it may prove worse than useless.

Many an athlete or prize fighter has won the day simply because he knew the secret of great strength and endurance and filled his blood with iron before he went into the affray, while many another has gone to inglorious defeat simply for the lack of iron.—E. Sauer, M. D.



JESS WILLARD AT HOME

Among all the prominent figures of the prize ring, probably none is so devoted to family life as Jess Willard. After each engagement the champion hurries to his wife and children and remains at their side until public demand forces him to leave for new encounters. Everything is done to bring up the "little Willards" with strong, healthy bodies. Mr. Willard accounts for his own success by saying:—

"I consider that plenty of iron in my blood is the secret of my great strength, power and endurance."

NOTE.—Nuxated Iron, recommended above by Dr. Sauer, is not a patent medicine nor secret remedy, but one which is well known to druggists and whose iron constituents are widely prescribed by eminent physicians everywhere. Unlike the older inorganic iron products, it is easily assimilated, does not injure the teeth, make them black, nor upset the stomach, on the contrary, it is a most potent remedy in nearly all forms of indigestion as well as for nervous, run-down conditions. The manufacturers have such great confidence in Nuxated Iron that they offer to forfeit \$100.00 to any charitable institution if they cannot take any man or woman under 60 who lacks iron and increase their strength 200 per cent. or over in four weeks' time, provided they have no serious organic trouble. They also offer to refund your money if it does not at least double your strength and endurance in 10 days' time. It is dispensed by all druggists.

Jess Willard

SUPERB MAMMOTH CROCUSES.

Price, 2 cents each, 15 cents for the collection of 10 bulbs; three collections. 30 bulbs, 40 cents; six collections, 60 bulbs, 75 cents.



I offer a very superior class of Crocuses for cultivation in dishes, or for bedding. The bulbs are all of great size, and each one will throw up several splendid flowers, exquisite in form and color, and exceedingly showy and beautiful. In planting fill a glass dish half full with clear silver sand, cover the bulbs to half their thickness, allowing the upper part to protrude above the surface, and apply water till it stands in the dish as high as the base of the bulbs. Set away in a dark place till roots form, then bring to a cool room. The flowers will shortly appear, making a brilliant and showy display. Every bulb of these Mammoth Crocuses becomes a bouquet in itself, or continues in bloom for some time, throwing up a number of flowers in succession, often several at a time.

Golden King, six inches high; bears from six to eight large, open, golden yellow flowers, the color deep and rich.

Charles Dickens, light blue, each bulb throwing up five or six fine flowers, opening in daytime, but closing at night.

Giant Purple, has a very large bulb, and develops six or eight splendid purple flowers; extra fine.

King of the Blues, not as dark as the preceding, but producing from eight to ten immense flowers of superb form.

Queen Victoria, pure white, each bulb displaying from six to eight large and beautiful flowers; pretty, light green foliage.

Young Frau, exquisite snow-white, each bulb developing a beautiful cluster of from eight to ten superb, large flowers.

Minerva, lovely white with faint blush shading, the flowers very large and opening well, but a few days later than others.

Blue Flag, each bulb bears from six to eight very large, handsome flowers, fine white with black-blue stripes; extra fine.

Gloriosa, lavender blue, shaded and striped with dark purple; large and very free-blooming.

Striped Queen, immense snow-white, with distinct blue mid-rib; each bulb bears a cluster of six or eight beautiful flowers.

For bedding purposes I will mail 100 of these splendid Crocuses for \$1.00. Address
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Three Finest Named Sorts only 15 Cents.

I offer this month a collection of the three finest Trumpet Daffodils, splendid large bulbs, for only 15 cents. Here is the collection:

Madam de Graaf, the new giant-flowered Daffodil; pure white perianth and sulphur trumpet. I was able to secure a lot of these expensive bulbs at a bargain this year, and can sell them at 10 cents each, \$1.00 per dozen.

Bicolor Victoria, a grand sort; flowers of great size; white perianth and golden trumpet. 8 cts. each, 75 cts. per doz.

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One bulb of each of the above for only 15 cents. Once planted these Daffodils need not be disturbed for years, and will bloom with greater richness and beauty each spring. You will never regret the outlay for these choice hardy bulbs.

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Azure, Philomela, exquisite.

Blue, Darling, finest dark blue.

Yellow, Crysolora, large, bright.

Pure White, Blanche Superb, fine

Soft White, Blanchard, pretty.

Blue Bronze, Stellata, blue and gold.

Orange, Prince of Orange, bronzy.

Porcelaine, Louise, white shade blue.

Gold Bronze, Thunderbolt, showy.

Variegated, Formosa, lilac, olive.



Send Me Three (45 cents.) Trial Magazine Subscriptions upon this offer, and I will send you a collection free, including three extra hardy bulbs, my selection. See your friends at once and make up a club.

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THAT WHEEL CHAIR.

Dear Mr. Park:—I want to thank all my friends who helped me to get a wheel chair. I received the chair the 25th of May, and appreciate it very much. I have had more pleasure and have got to see more since I got it than in many a year before. I can get out in the open air and see the pretty flowers my friends have sent me. Now here are the names:

Mr. Niblett, Md., K. E. Peachey, Pa., and anonymous, each \$2; Mrs. Struthers, Pa., Mrs. B., Neb., Mrs. Bean, Pa., Mrs. Shamklin, S. C., Mrs. Mitchell's collection, Ia., anonymous, W. Va., Mr. Hemmes, S. D., and Mrs. Hickman, Neb., each \$1; Mrs. Forkey, Md., Mrs. Roger, W. Va., Mrs. Johnson, Mich., Mrs. Watson, Kan., each 50 cents; Mrs. Young, E. L. Gilbert, Mrs. Letts, Anna Blum, all of Ohio, Sara Watson and Mrs. Crispin, of N. J., Mrs. Moore, Clifford Hawes and M. L. Fields, Me., Mrs. Dunlap, Tex., M. D. White, Vt., Mrs. Martin, Pa., Alice Nieuweistein, Ill., Mrs. Waley, Kan., and Anonymous, N. H., sums amounting to \$3.45. Total, \$19.90.

I am so pleased with my chair. I cannot thank my friends enough. I like your Magazine very much, as to read about flowers is next to enjoying them. Gratefully yours,

Lida E. Brittingham.

Pittsville, R. 1, Md., Sept. 12, 1916.

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DR. J. E. CANNADAY, 1119 Court Bk., Sedalia, Mo

References: Third National Bank, Sedalia, Mo. Send this notice to some eczema sufferer.

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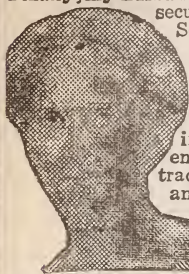
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Chinese Sacred Lily—I have a fine importation of these bulbs, large and solid, ready to mail. They are sure to bloom in glasses of water or pots of soil, and quickly respond to the gardener's care. They throw up lovely foliage, and big clusters of white flowers with yellow cup, and a few bulbs in bloom will fill the room with delicious perfume. Order now. Price, 10 cents each, \$1.10 per dozen; giant bulbs, 18 cents each, \$2.00 per dozen. Mailed. Include a few of these bulbs in your order. They are unsurpassed for winter-blooming in the window. Address GEO. W. PARK, La Park, Pa.

Splendid Hedge Plants.

\$1.50 per 100, \$12.00 per 1000.

Althea, makes a fine blooming hedge; Aralia pentaphylla, new and beautiful; Berberis Thunbergii, perhaps the finest of all plants for a dense, formidable hedge; Deutzia, Pride of Rochester, an elegant spring-blooming plant for hedges or groups; California Privet, the most popular of hedge plants, the plants I offer from 12 to 18 inches high; Hall's Honeysuckle, to be trained upon farm fence wire, evergreen, blooms spring and fall, deliciously scented; Ligustrum Ibotom, the free-blooming Privet; Rose, Hiawatha, magnificent when trained upon fence wire; Spirea, Van Houtte, weeping spring-blooming plant for hedges and groups; Spirea, Opulifolia, white clusters followed by bronze-red seed pods; Willow, fine hedge for swampy ground. These are all well-rooted plants from eight to 15 inches high. \$1.50 per 100, or \$12.00 per 1000, carefully packed and delivered at the express or freight station here.

I can also supply Boxwood plants at \$4.00 per 100. One plant of each, 12 fine plants, mailed for only 50 cents, or two lots and a fine Weigela or Forsythia, only \$1.00. Now is the time to order and plant. Planting directions accompany the plants. Address GEO. W. PARK, La Park, Pa.

CHILDREN'S CORNER.

Dear Mr. Park:—I have been an interested reader of your Magazine for a number of years, and enjoy the children's letters greatly. I am a farmer's daughter and live on a farm of about 100 acres. We live about four miles from town. I go to school in town and drive every day. I am 17 and in the 11th grade. I have never failed in any subject so far. We have some very good teachers. I am greatly interested in taking kodak pictures, and would like to exchange some with young people near my own age. I think it is very interesting to correspond with readers from various states. One reason why I like your Magazine is because it publishes the entire names and addresses of people sending in letters. Some other magazines do not, and therefore one cannot send letters to the writers. I think your Magazine fills a very important place by giving much valuable information in regard to flowers and plants.

Miss Ruth Sherman.

Waverly, Ia., Aug. 20, 1916.

Dear Mr. Park:—I am a country girl 11 years old and love birds, animals and music. I live on a farm of 60 acres and go two miles to school in winter. My mother has taken your dear little Magazine for some time, and I enjoy reading the Children's Corner and the poetry. My father has three cows, three horses, four pigs, eight small pigs and one calf. My mother has about 70 old chickens and 100 young ones. I had about 22 small chickens, but they were killed. My father has an office and he is kept busy there, so we have a hired hand sometimes. I take music lessons, and play for school in the winter. I go to Sunday-school and church nearly every Sunday at the Presbyterian church. Postals ex.

Frances A. Doty.

Lakeville, Ohio, R. R. 3, Aug. 8, 1916.

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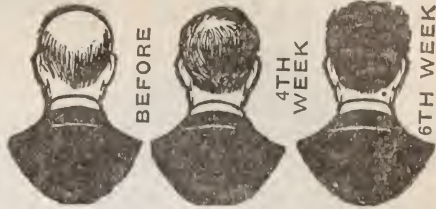
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Cut out the coupon below and send today to UNION LABORATORY, BOX 92, UNION, N. Y.

Please find enclosed 10 cents to help pay the distribution expenses. Kindly send me at once your Calvacura No. 1 and your booklet, "The Triumph of Science Over Baldness." (Enclose this coupon in your letter.)

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I am a woman.
I know a woman's trials.
I know her need of sympathy and help.

If you, my sister, are unhappy because of ill-health, if you feel unfit for household duties, social pleasures, or daily employment, write and tell me just how you suffer, and ask for my **free ten days' trial of a home treatment** suited to your needs. Men cannot understand women's sufferings. What we women know from experience, we know better than any man. I want to tell you how to cure yourself at home at a cost of about 12 cents a week.

If you suffer from women's peculiar ailments causing pain in the head, back, or bowels, feeling of weight and dragging down sensation, falling or displacement of pelvic organs, causing kidney and bladder weakness or constipation and piles, painful or irregular periods, catarrhal conditions and discharges, extreme nervousness, depressed spirits, melancholy, desire to cry, fear of something evil about to happen, creeping feeling along the spine, palpitation, hot flashes, weariness, sallow complexion with dark circles under the eyes, pain in the left breast or a general feeling that life is not worth living,

I INVITE YOU TO SEND TODAY FOR MY FREE TEN DAYS' TREATMENT

and learn how these ailments can be easily and surely conquered at home without the dangers and expense of an operation. When you are cured, and able to enjoy life again, you can pass the good word along to some other sufferer. My home treatment is for **young or old**. To **Mothers of Daughters**, I will explain how to overcome green sickness (chlorosis), irregularities, headaches, and lassitude in young women and restore them to plumpness and health. Tell me if you are worried about your daughter. Remember it costs you nothing to give my home treatment a ten days' trial, and does not interfere with daily work. If health is worth asking for, then accept my generous offer and write for the free treatment, including my illustrated booklet, "**Women's Own Medical Adviser**." I will send all in plain wrappers postpaid. To save time, you can cut out this offer, mark your feelings, and return to me. Send today, as you may not see this offer again. Address,

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CHILDREN'S CORNER.

Dear Mr. Park:—I am a little country girl nine years old. My birthday is October the 11th. I am going to have a party on my birthday. For pets I have a rat-dog. He is white with a black face, and his ears are black also. His name is Dandy. I enjoy reading the Children's Corner very much. We have four little calves and five cows. We are having our vacation. Our school takes up in September. Our school is standard and its name is Victory. I will be promoted to the fifth grade next year. I am a lover of all the flowers and have no choice. Dorothy Perry.

Mansfield, Ill., June 9, 1916.

Dear Mr. Park:—I am a little boy nine years old. I live on a farm of 100 acres. For pets I have a dog named Colley, a turkey, and a calf. I have found seven bird nests, and I get worms and feed the little birds. They open their mouths when they hear me coming. There is a lot of wild flowers out here. I have a little garden. Cards exchanged. Geo. Blackburn.

Talmdage, Utah, May 31, 1916,

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Instantly removed forever with "Ejecthair." No pain; no harm; cannot fail. Sent in plain wrapper for 15 cents stamps or coin. Send now to Dept. 37. Manageress, 143 S. Wabasha, St. Paul, Minn.

CHILDREN'S CORNER.

Dear Mr. Park:—I always read the Children's Corner. I think Dorothy Lintner is writing a good, interesting story. My birthday is July 6th, and if anyone else is on the same day I would be glad to hear from them. Grace Albin. Saffordville, Kan., Aug. 20, 1916.

RUPTURE Sufferers!



Spend
One Cent
to Send
Me Your
Name

It May
Mean
Your
CURE

I claim to have the most simple, yet the most wonderful, most comfortable, most beneficial rupture appliance ever invented. It has produced results heretofore unheard of. I want to tell you how and why, want to show you how to Lock your ruptures so it can't come down, and how to obtain greater comfort, greater benefit than you have ever known since you were ruptured. I want to send you my illustrated

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I want you to know why and how the wonderful Schuiling Rupture Lock produces astonishing results, want you to know what it has done and is doing for others, what it will do for you.

Test It Yourself For 30 Days

I send this Lock on trial. I let you put it on and wear it, test it—run, jump, pull, tug, lift, strain, squirm, cough, sneeze and see for yourself. I want to send you my book, particulars of my trial offer, letters from scores of people who say the Schuiling Rupture Lock has actually cured their ruptures, and full information, free. Send me your name and address plainly written, send it now, today—you'll thank me later, sure as you're born. Address: Director,

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FRIENDSHIP LINK RING --- ONLY

Sterling Silver or Rolled Gold Beaded or Plain Designs, 3 Initials ENGRAVED FREE, to introduce our Bracelet Links. Send 18c. and size today. **FRIENDSHIP JEWELRY CO.** 88 Chambers St., Dept. 640 New York



September Morn Ring—Free

The beautiful raised figure of the young girl is a wonderful reproduction in metal, of the original painting. The background is hard enameled in two colors to represent sea and sky. Ring is made of "Everbright Silver" warranted five years. We send it, your correct size, for only 12c to help pay advertising.

THE AUCTION CO., Dept. 1078 Attleboro, Mass.*



Tobacco Habit BANISHED

IN 48
TO 72
HOURS

Immediate Results

No craving for tobacco in any form when you begin taking Tobacco Redeemer. Don't try to quit the tobacco habit unaided. It's a losing fight against heavy odds and means a serious shock to the nervous system. Let the tobacco habit quit YOU. It will quit you, if you will just take Tobacco Redeemer, according to directions, for two or three days.

Not a Substitute

It is in no sense a substitute for tobacco but is a most marvelously quick, thoroughly reliable and absolutely scientific remedy for the tobacco habit.

No Habit-Forming Drugs

Tobacco Redeemer contains no habit-forming drugs of any kind. After finishing the treatment you have absolutely no desire to use tobacco again or to continue the use of the remedy. It quiets the nerves, and will make you feel better in every way. It makes not a particle of difference how long you have been using tobacco, how much you smoke or in what form you use it—whether you smoke cigars, cigarettes, pipe, chew plug or fine cut or use snuff.

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DON'T WEAR A TRUSS

FREE TRIAL

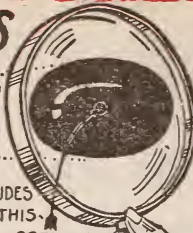


PLAPAO

The inner surface is made self-adhesive to prevent slipping and consequent chafing and pressure upon pubic bone. Also to hold the distended muscles securely in place and keep the PLAPAO continually applied.

IT'S THE NON-SLIPPING YET, NON-RIGID PAD AND WHAT IS WITHIN IT THAT COUNTS...

PLAPAO EXUDES THROUGH THIS OPENING



The Plapao Pads were awarded Gold Medals and Grand Prix

Do Away With Steel and Rubber Bands THAT CHAFE AND PINCH

You know by your own experience the truss is a mere makeshift—a false prop against a collapsing wall—and that it is undermining your health. Why then continue to wear it? The binding and pressure prevent proper blood circulation, thus robbing the weakened muscles of the nourishment which they must have if you expect them to regain their normal strength and elasticity.

The Plapao Pads Are Different

STUART'S PLAPAO-PADS are entirely different from the device known as the truss in the following respects:

First: The primary and most important object of the PLAPAO PADS is to keep constantly applied to the relaxed muscles the medication called **Plapao**, which is **contractive in nature**, and taken together with the ingredients in the medicated mass is intended to **increase** the circulation of the blood, thus **revivifying** the muscles and **restoring** them to their **normal strength and elasticity**. Then, and **not until** then, can you expect the rupture to disappear.

Second: Being made self-adhesive, purposely to prevent the pad from shifting, they have therefore proven to be an important adjunct in **retaining** rupture that cannot be held by a truss. There is no metal about the PLAPAO-PADS—no straps, buckles or springs attached. No "digging in or grinding pressure. They are **soft as velvet—Flexible—Easy to apply—Inexpensive**. Continuous day and night treatment at home. No delay from work.

Bring About These Benefits

Close the hernial opening as nature intended, so the rupture can't come down, and when the PLAPAO-PAD is successfully applied these wonderful benefits quickly follow:

—The ruptured parts are sustained and held together.

—The weak muscles recover their elasticity and strength.

—The unsightly, painful and dangerous protrusions disappear.

—That horrible "dragging down" sensation is banished, never to return.

—You recover the vigor, vitality, energy and strength you have lost.

—You look better, you feel better, and you are better in every way. Everyone remarks upon your improved appearance. And relieved from the pain and discomfort of the rupture, and your dread of its consequences, your spirits rise, your health improves, you once more are able to enjoy life without fear of trouble. Hundreds of people, old and young, have gone before an officer qualified to acknowledge oaths, and sworn that PLAPAO-PADS cured their ruptures—some of them most aggravated cases and of long standing. It is reasonable that they should do the same for you if you will but give them a chance.

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We want to prove to you at our expense that you can conquer your rupture, right at home, and while going about your daily duties. Just sign and mail the attached coupon for absolutely

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